

CHAPTER 182
THE INDUSTRIAL AND CONSUMER CHEMICALS
(MANAGEMENT AND CONTROL) ACT
[PRINCIPAL LEGISLATION]
ARRANGEMENT OF SECTIONS

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SCHEDULE

CHAPTER 182

INDUSTRIAL AND CONSUMER CHEMICALS (MANAGEMENT AND CONTROL) ACT

An Act to provide for the management and control of the production, importation, transportation, exportation, storage, dealing, and disposal of chemicals and for matters connected therewith.

[1st July, 2003]

[GN. No. 157 of 2003]

Acts Nos.

3 of 2003

14 of 2019

GNs Nos.

386 of 2012

16 of 2017

1049 of 2020

PART I

PRELIMINARY PROVISIONS

Short title

1. This Act may be cited as the Industrial and Consumer Chemicals (Management and Control) Act.

Interpretation

Act No.

14 of 2019 s. 27

and 28

Cap. 177

2. In this Act, unless the context otherwise requires:

“advertise”, means the promotion of the sale and use of the chemical by print, electronic media, signs, displays, gift, demonstration or word of mouth;

“Board” means the Board for the Government Chemist Laboratory Authority established under section 7 of the Government Chemist Laboratory Authority Act;

“CAS” means a unique registry number assigned to a chemical by the Chemical Abstracts Service;

“certificate” means a certificate issued by the Board under this Act;

“certificate holder” means a person holding a certificate issued under this Act;

“certificate of analysis” means a certificate issued by the officer in charge of a designated or reference laboratory bearing analytical results of samples submitted and analysed under the provision of this Act;

“chemical” means industrial or consumer chemical or chemical product which is a substance in any form whether by itself or in a mixture or preparation, whether manufactured or obtained naturally but excludes medicines, pesticides, radioactives, food additives and any other substance that has therapeutic effects;

“committee” means the Industrial and Consumer Chemicals Management and Control Technical Committee, established under section 4;

“consumer chemical” means chemical or a chemical product used in the domestic household, or in any non industrial process;

“chemical waste” means any unwanted or expired chemicals;

“dealer” means any person engaged in the sale, distribution and use of a chemical;

“designated laboratory” means the Government Chemist Laboratory Authority and any other laboratory appointed by the Minister to carry out analysis under this Act;

“Emergency Response Committee” means a team of experts designated under section 8;

“Environmental Management Plan” means a plan that outlines the activities to be undertaken to prevent and control any adverse effects to health and the environment;

“Environmental Impact Assessment” means a process and procedure of assessing environmental, economical, social and cultural impact of a business including in the identification of mitigation measures of negative effects;

“firm” means a company or entity engaged in the production, handling or disposal of a chemical;

“Good Manufacturing Practice” means part of quality assurance that products are consistently produced and

controlled to the quality standard appropriate to their intended use and as required by authorisation;

“hazard” means an inherent property of a substance, agent, source of energy or situation, having the potential to cause undesirable consequences or effects;

“hazardous chemical”, means any chemical which has the likelihood of causing adverse effects or injury to human health or the environment and which has been so designated by the Board;

“highly hazardous chemical” means a hazardous chemical specified in the Sixth Schedule to this Act;

“highly toxic chemical” means a chemical falling within any of the following categories-

(a) a chemical with a median lethal dose (LD50) of 50 milligrams or less per kilogram of body weight when administered orally to albino rats weighing between 200 and 300 grams each;

(b) a chemical with a median lethal dose (LD50) of 200 milligrams or less per kilogram of body weight when administered by continuous contact for 24 hours (or less if death occurs within 24 hours) with the bare skin of albino rabbits weighing between 2 and 3 kilograms each; or

(c) a chemical that has a median lethal concentration (M50) in air of 200 parts per million by volume or less of gas or vapor, or 2 milligrams per liter or less of mist, fume or dust, when administered by continuous inhalation for 1 hour (or less if death occurs within 1 hour) to albino rats weighing between 200 and 300 grams each;

“International Convention” means a convention, agreement or other scheme that have been ratified or acceded to by the Government;

“inspector” means an inspector appointed under section 37 of this Act;

“industrial chemical” means any chemical or product used or intended for use in industrial process;

“label” means a written, printed or graphic matter on, or attached to the chemical or the immediate container thereof and the outside container or Wrapper of the retail package of the chemical;

“LD50” or “(lethal dose 50)” means an amount of a substance that, when administered by a defined route of entry (for example oral or dermal) over a specified period of time, is expected to cause the death of 50 percent of a defined animal population;

“management” means handling, supply, transport, storage, or other use of a chemical subsequent to its initial manufacture or formulation, in a manner that minimizes risk to human health or the environment;

“make good” means to restore the site to condition and state which is as close as possible to its original state before it was used for the purpose of storage, producing or dealing in chemicals;

“Minister”, means the Minister responsible for matters relating to chemicals management and control;

“Ministry” means the Ministry responsible for chemicals management and control;

“Precursors Chemicals” means Chemicals used in the manufacturing of narcotic drugs or psychotropic substances as provided for under the International Drug Control Convention;

“premises” means any land, shop, stall, warehouse or place where any chemical is produced, sold, stored or used;

“prior informed consent” means the principle that a chemical which has been banned or severely restricted for health or environmental reasons in one country should not be exported to countries participating in the procedure without their prior informed consent;

“producer” means a person or other entity in the public or private sector or any individual engaged in the business or function whether directly or through an agent or through an entity controlled by or under contract with it, of preparing, mixing or producing a chemical;

“prohibited chemical” means a chemical whose use is banned;
“public officer” means a person or Department vested with or performing duties of a public nature, and includes a person under the control of a local government authority, the community or a public corporation or authority;

“reference laboratory” means a laboratory appointed by the Minister under section 42 to carry out analysis for the purpose of authenticating results of the designated laboratory under this Act;

Registrar” means the Registrar appointed under section 9;

“registration” means an inclusion into the register of chemicals, certificate holders or premises;

“restricted chemical” means a limited ban of a chemical for which virtually all registered uses have been prohibited by the Board but certain specific registered use or uses remain authorised;

“risk assessment” means an act of assessing the risk of exposure and adverse effect to human health and the environment;

“risk management” means a process and procedure of reducing or possibly eliminating risks associated with the exposure to chemicals;

“Secretariat” means the Registrar and other officers of the Government Chemist Laboratory Authority;

“pictogram” means a symbol which conveys a message without words;

“provisional clearance” means an authority given by the Board to allow the use, or sale on a limited basis and under stipulated conditions;

“provisional registration” means an authority given by the Board to allow importation, production or dealing on a limited basis and according to stipulated conditions;

“scientific nomenclature” means internationally accepted standard or system of naming a chemical;

“severely restricted chemical” means a chemical for which, on health or environmental reasons, virtually all uses have

been prohibited nationally by the Board but for which certain specific uses remain authorised by the Board;

“Technical Committees” means the Industrial and Consumer Chemicals Management and Control Technical Committee established under section 4;

“toxic chemical” means a substance which can cause injury to living organisms as a result of physicochemical interactions;

“user” means large volume user or frequent user of chemicals such as hospitals, schools and industries, tertiary education institutes, laboratories and research institute; and

“warning signs” means signs placed to make aware of a possible danger or harm.

PART II

ADMINISTRATION

Administration
and functions
under the Act
Act No.
14 of 2019 s. 29
Cap. 177

3. The administration and functions under this Act shall be as specified under the Government Chemist Laboratory Authority Act.

Establishment
of the Technical
Committee
Act No.
14 of 2019 ss. 27
and 30
GN. No.
386 of 2012

4.-(1) There is hereby established a Technical Committee which shall be responsible for advising the Board and Chief Government Chemist on matters related to the management and control of all industrial and consumer chemicals in Mainland Tanzania, and which shall perform the functions assigned to it under this Act or the regulations made under it.

(2) Notwithstanding the provisions of subsection (1), the functions of the Technical Committee shall be to-

- (a) draw up provisions for the classification, labeling and packaging requirements;
- (b) issue provisions in relation to bans, restrictions or protection chemicals;
- (c) draw up recommendations on the protection of health and the environment;

(d) propose substances, preparations or products and processes which are not or are less hazardous to health and the environment; and

(e) carry out such other functions as may be conferred upon by the Board or any other person in connection to the Management and Control of Chemicals.

(3) The First Schedule shall have effect as to appointments, composition and procedures of the Technical Committee.

(4) There shall be established in the *Gazette* by the Government Chemist Laboratory Authority such other committees which shall be responsible for advising the Chief Government Chemist on matters related to management and control of industrial and consumer chemicals.

(5) The Minister shall, by order published in the *Gazette*, amend, vary or replace all or any of the provisions of the First Schedule.

Functions
of Board
Act No.
14 of 2019 s. 27
Cap. 177

5. Notwithstanding the functions of the Board provided under the Government Chemist Laboratory Authority Act, the Board shall-

(a) review and approve budget of chemicals management and control activities as presented by the Registrar;

(b) advise the Minister on policy matters related to Chemicals Management and Control;

Powers of Board
Act No.
14 of 2019 ss. 27
and 31
Cap. 177

6. For the better performance of its functions, and upon the advice of the Technical Committee, the Board shall, in addition to the functions conferred under the Government Chemist Laboratory Authority Act, have powers to-

(a) enter or remove any name of a chemical or certificate holder from any register prescribed under this Act, or subject to such conditions as the Board may impose, restore it thereto;

(b) hire and terminate services;

(c) condemn and order destruction or disposal at the owners cost in any way of any chemical found to be unfit for its intended use;

- (d) discharge of its functions in accordance with the terms and conditions on which the funds may have been obtained and derived, charge from the General Fund all remuneration, allowances, working expenses or other charges properly arising out of the Fund including any approved capital expenditure;
- (e) delegate any of its powers to the Chief Government Chemist, Committee of the Board or authorised public officer provided that, such delegation shall not be further delegated; and
- (f) regulate its own procedures.

Consultations
between
institutions

7. Notwithstanding the provisions of this Act, the Chief Government Chemist shall maintain, as far as may be practicable, a system of consultation and cooperation with other institutions which in one way or another their functions relate to the functions specified under this Act.

Emergency
Response
Committee

8.-(1) Notwithstanding the provisions of section 4, the Chief Government Chemist, shall in addition of the Technical Committee formed under this Act, establish an Emergency Response Committee, whose composition shall be of technical personnel, police officer, fire-fighters, or any person who has received training in handling chemicals; and who shall be appointed by the Minister and their appointments shall be published in the *Gazette*.

(2) The Director of Disaster Management Department under the Prime Minister's office shall be the Chairman.

(3) The Registrar shall be the Secretary to the Emergency Response Committee.

(4) The Minister may co-opt any person into the Emergency Response Committee according to the prevailing situation.

(5) The Registrar shall coordinate the activities of the Emergency Response Committee.

(6) The composition, functions, tenure and proceedings of the Emergency Response Committee shall be as specified under the regulations.

(7) The Registrar shall notify the Disaster Department in the Prime Minister's Office the nature and detail of the emergency whenever the disaster or the emergency occurs

Registrar
of Chemicals

9. The Chief Government Chemist shall be the Registrar of Chemicals.

Functions
of Chief
Government
Chemist

10.—(1) The Chief Government Chemist, when performing his duties under this Act, shall be advised by the Technical Committees on matters of technical nature.

(2) Without prejudice to the generality of subsection (1), the Registrar shall—

- (a) maintain and publish periodically a register of all chemicals stating whether registered, provisionally cleared, restricted or prohibited chemicals;
- (b) maintain and publish periodically a register of waste disposal facilities, transporters, producers and exporters of chemicals;
- (c) issue certificates of registration and provisional clearance as advised by the Technical Committee;
- (d) maintain registers of chemicals, producers, importers, exporters, transporters and dealers of chemicals;
- (e) implement ratified International Conventions;
- (f) manage and control the import, production, transportation, dealing, storage, and disposal of chemicals in Mainland Tanzania and to collect, maintain and publish information related to it through approval of registration and issuance of certificate;
- (g) make guidelines on the sound management and effective control of chemicals;
- (h) conduct public educational campaigns on the sound management of chemicals;
- (i) train inspectors;
- (j) register inspectors;
- (k) propose regulations to be made under this Act by the Minister;

- (l) foster cooperation between the Technical Committee and other institutions and organisations, on matters pertaining to management and control of chemicals;
- (m) evaluate any incoming application of a new chemical for analysis registration, re-registration and cancellation of any existing registered product;
- (n) order inspection of premises; in which chemicals are produced, stored, sold, dealt in, used by a certificate holder;
- (o) prescribe minimum requirements of quality in respect of chemicals produced, imported into or exported from Mainland Tanzania;
- (p) coordinate chemicals management policies and programmes national and internationally;
- (q) deal with chemical emergencies, spills and accidents;
- (r) provide technical advice to the government and over institutions on chemicals management and control;
- (s) conduct research related to chemicals and chemical management; and
- (t) carry out other functions as may be conferred upon the Board by any written law or as are incidental to the performance of its functions under this Act.

PART III

CONTROL OF PRODUCTION, IMPORTATION, EXPORTATION, TRANSPORTATION, STORAGE AND DEALING IN CHEMICALS

(a) Registration

11.—(1) An application for the registration of a chemical shall be submitted to the Chief Government Chemist in the prescribed manner and form, as set out in the Second Schedule.

- (2) Registration of a chemical may be applied for by-
 - (a) the producer of the chemical;
 - (b) the dealer of chemical;

Application
for registration
of chemicals
Act No.
14 of 2019 s. 32
GN. No.
386 of 2012

- (c) the marketing firm, if the chemical is to be marketed for the first time in Mainland Tanzania; or
 - (d) the importer and exporter of that chemical.
- (3) The application shall be accompanied by a fee prescribed by the Minister in the regulations.
- (4) An application for registration of a chemical shall contain-
- (a) the name and address of the applicant;
 - (b) the hazardous category of the chemical substance;
 - (c) the details of its composition, particularly the nature and quantity of its ingredients, using the commonly employed scientific nomenclature;
 - (d) the details of the intended use;
 - (e) the details on its possible dangers to human health and the environment;
 - (f) the details of procedures for its proper disposal or treatment;
 - (g) the instructions for safe handling;
 - (h) the text of indications and marking intended for the containers and outer packaging or for the literature accompanying such packaging;
 - (i) the details of the packing materials; and
 - (j) the information on suitable analysis procedures which can be carried out using commonly employed equipment at a reasonable cost and which can also be used to reliably determine the residue left after the application of the chemical including degradation and reaction products which may be dangerous to the human health and the environment.
- (5) A chemical imported, distributed, manufactured, transported, sold or stored shall bear on the container thereof, a label written in either Kiswahili or English language with details prescribed in the regulations.
- (6) Notwithstanding the provisions of subsection (1), the Board shall not approve the registration of any chemical unless it conforms to the requirements as laid out in this Act.

(7) As soon as possible after receiving an application in terms of subsection (1), the Chief Government Chemist-

- (a) shall notify the applicant that the application has been so received;
- (b) shall conduct such investigation or inquiry as he considers necessary or desirable, including analysis of samples;
- (c) may require further particulars or samples from the applicant; and
- (d) shall submit report and recommendations for application together with the chemical particulars to the Committee there after to be forwarded to the Board.

(8) An application in terms of subsection (1) may, at any time, be withdrawn by the applicant but such withdrawal shall not entitle the applicant to the refund of the application fee referred to in subsection (3).

(9) The chemicals that appear under the Third and Sixth Schedule shall require registration.

(10) The Committee may require a chemical not appearing under the Third and Sixth Schedule, to be registered.

(11) A person giving false information in an application form commits an offence.

(12) An information submitted to the Committee shall be treated as confidential.

(13) The Committee may prescribe additional conditions for registration of chemicals appearing under the Sixth Schedule.

Chemical
registration to
comply with
requirement

12. Without prejudice to the generality of section 11, an applicant for registration of a chemical, shall comply with the requirements provided for under the provisions of section 11(4)(a) to (d).

Approval for
registration
of chemical

13.-(1) After receiving an application in terms of section 11, the Registrar-

- (a) shall conduct such investigation or inquiry as he considers necessary or desirable, including analysis of samples or hearing evidence from the applicant;

- (b) may require further particulars or samples from the applicant; and
- (c) shall forward the same to the committee which shall thereafter forward to the Board for its consideration and approval.

(2) Where the Board-

(a) approves the registration of any chemical, the Registrar shall thereupon:

- (i) enter in the register the prescribed particulars of the chemical and any condition fixed in terms of section 11(5);
- (ii) allocate a registration number to the chemical;
- (iii) issue to the applicant a certificate of registration in the prescribed form set out in the Ninth Schedule, showing the registration number of that chemical and any conditions subject to which it is registered; and
- (iv) cause such registration of that chemical and its particulars to be published in the *Gazette* as soon as may be practicable;

(b) refuses to approve the registration of a chemical subject to the provisions of section 11(6),

the Registrar shall thereupon inform the applicant in writing of such refusal and the reasons thereof.

Approval
of chemical
provisional
clearance or
rejections of
application

14.-(1) The Chief Government Chemist shall consider the application submitted in accordance with section 11 and if he is satisfied after such inquiry, investigation, test or analysis of the chemical as he deems fit, approve registration of the chemical, provisionally clear the chemical or reject the application.

(2) Upon approval for registration or provisional clearance of the chemical, the Chief Government Chemist shall issue a certificate, and assign a registration number.

(3) In making his decision under subsection (1), the Chief Government Chemist shall be guided, among other considerations, by whether-

- (a) all matters submitted with the application are true in all material particulars;

- (b) the label complies with provisions of this Act;
- (c) the chemical which is subject of the application has not been registered before;
- (d) the chemical does not cause adverse effects to human life and the environment when applied in accordance with instructions for use; and
- (e) the use of the chemical has not been restricted or banned in other countries by International Conventions, Treaties or Agreements whether ratified or not.

Application for registration of producer, importer and exporter etc.

15.—(1) An application for the registration of a producer, importer, exporter, transporter, storage and dealing in chemicals shall be submitted to the Registrar in the prescribed manner and form, as set out in the Fourth Schedule.

(2) Registration may be applied for by-

- (a) the producer;
- (b) the marketing firm; or
- (c) those intending to import, export, transport, store and deal in chemicals,

in respect of a chemical appearing under the Third Schedule if its amount exceeds the threshold value specified therein in the purchase receipt.

(3) An application for registration under subsection (1) shall include-

- (a) the name and address of the applicant;
- (b) details of the intended business; and
- (c) qualifications of personnel under whose direct supervision the activities will be carried out.

(4) Notwithstanding the provisions of subsection (1), the Board shall not approve any application for registration unless it conforms to the requirements as laid out in the guidelines for registration and any other conditions prescribed by the Board.

(5) An application in terms of subsection (1), may, at any time, be withdrawn by the applicant.

(6) A person giving false information in an application, commits an offence.

(7) Information submitted to the Registrar under this section shall be confidential.

General
requirements
of dealers in
chemicals

16. The application for producing, warehousing, exporting, importing, transporting or dealing in chemicals shall contain-

- (a) the description of premises on which the chemicals will be stored, produced and marketed;
- (b) the equipment and facilities which are available for distributing, handling, producing, processing, and transporting chemicals from those premises;
- (c) the qualifications of the personnel under whose direct supervision those operations will be carried out;
- (d) the arrangements made or to be made for the safety, health and the environment within and outside the premises;
- (e) contingency plans and procedures for dealing with emergency; and
- (f) the arrangements made or to be made for securing the safety keeping of and maintenance of adequate records in respect of chemicals stored in or distributed from those premises.

Requirements
for producers

17. Notwithstanding section 15, where an application is for registration for production of chemicals, the Board, before approving issuance of the certificate of registration to which the application relates shall consider whether-

- (a) the Goods Manufacturing Practice (GMP) is complied with;
- (b) the production processes are within premises registered for such activities;
- (c) the Environmental Impact Assessment (EIA) and Environmental Management Plan certified by the designated national environment authority has been carried out;
- (d) the Emergency Management Plan has been approved by the Board or any other relevant authority; and

- (e) adequate measures have been taken to prevent or minimize harm to human beings and the environment, including adequate waste treatment facilities and environmentally sound processes.

Requirements for
storage and ware-
housing

18. Notwithstanding section 16, where an application is for registration for storage and warehousing, the Board, before approving issuance of the certificate of registration to which the application relates shall consider the following-

- (a) the storage or warehouse facility is constructed with sufficient interior space, well ventilated and provided with adequate fire fighting equipment in accordance with the approved national, international or foreign standards;
- (b) availability of utilities needed in emergencies;
- (c) availability of trained personnel;
- (d) the storage or warehouse is not accessible by unauthorised persons;
- (e) the storage or warehouse is constructed and maintained in such a way that risks of human exposure and environmental contamination and poisoning are avoided;
- (f) the storage or warehouse is well marked with warning signs; and the chemicals shall be stored in their original containers.

Registration
procedures

19.-(1) The Board after receiving an application in terms of section 15-

- (a) shall conduct an investigation or inquiry as it considers necessary or desirable, including hearing evidence from the applicant, the public or any other competent person; and
 - (b) may require further particulars from the applicant.
- (2) Where the Board-
- (a) approves the registration of any importer, exporter, producer, transporter or dealer of chemicals, the Registrar shall-

- (i) enter in the register the prescribed particulars of the importer, exporter, producer, transporter or dealer of chemicals and any conditions prescribed under this Act;
 - (ii) allocate a registration number to the importer, exporter, producer, transporter or dealer of chemicals;
 - (iii) issue to the applicant a certificate of registration as prescribed by the Board showing the registration number of that importer, exporter, producer, transporter or dealer of chemicals and any conditions subject to which it is registered;
 - (iv) cause to be published in the *Gazette* as soon as may be practicable after registration, the prescribed particulars of each importer, exporter, producer, transporter or dealer of chemicals, and subject to the direction of the Board may cause to be so published any amendment or deletion of particulars in the register; and
- (b) refuses to approve the registration of an importer, exporter, producer, transporter or dealer of chemicals according to the provisions of subsection (5) of section 16, the Registrar shall thereupon inform the applicant in writing of the refusal and the reasons thereof.

Decision
to register,
provisionally or
reject application

20.—(1) The Board shall consider the application submitted in accordance with sections 11, 16, 17 and 18, and if it is satisfied after such inquiry, or investigation, as it deems fit, may approve or reject the application for the provisional clearance, or registration of the importer, exporter, producer, transporter or dealer of chemicals.

(2) Upon the approval for registration or provisional clearance, the Registrar shall issue a certificate and assign a registration number.

(3) In making its decision under subsection (1), the Board shall be guided, among other considerations, by whether

all matters submitted with the application are true in all material particulars.

Authorisation to import, export, transport produce, deal in and use of unregistered chemicals

21.—(1) Notwithstanding the provisions of section 11, the Board may authorise the importation, exportation, production, dealing in and use of a chemical which has not been registered or provisionally cleared if the chemical is to be applied solely for public consumption, scientific and educational purposes.

(2) A person giving false information in an application, commits an offence.

Duration of registration, and renewal of registration

22.—(1) The registration of a chemical shall be valid for a period of five years and for a provisional clearance shall be two years.

(2) Upon the application of the person desiring to renew the registration of a chemical, the Board may renew the registration for further appropriate periods:

Provided that, the Board is satisfied that the chemical remains safe and effective for use in Tanzania, and that payment of the appropriate fee shall be taken into account.

(3) Provisional clearance may only be renewed once.

(4) A person desiring to renew his registration certificate from the Board may do so, and the Board may issue such a certificate:

Provided that, the Board is satisfied that all the particulars for application have been complied with.

(5) Where the Board refuses to renew the registration of a chemical or permit in accordance with subsections (2) or (3), the Registrar shall inform the applicant in writing of such refusal and the reasons thereof.

Cancellation of registration of chemical

23.—(1) The Board may cancel the registration or provisional clearance of any chemical and shall give reasons for such cancellation:

Provided that, in any such case the Board shall, before proceeding, give an opportunity to that person concerned to show cause why the registration should not be cancelled.

(2) Without prejudice to the generality of subsection (1), the Board may cancel the registration of a chemical where:

- (a) the certificate was secured in violation of any of the provisions of this Act;
- (b) the chemical has been banned in accordance with the provisions of this Act;
- (c) the chemical had been registered subject to conditions and those conditions have not been observed;
- (d) the chemical has fallen into disuse;
- (e) the chemical has been banned by any International Convention or Treaty ratified by the United Republic.

(3) The cancellation under this section shall be published in the *Gazette* and amendments to the register of chemicals shall be effected forthwith.

Cancellation of
registration of
certificate holder

24.-(1) The Board may cancel the certificate and shall give reasons for the cancellation:

Provided that, in any such case the Board shall, before proceeding, give an opportunity to the person whose certificate applies to show cause why the registration should not be cancelled.

(2) Without prejudice to the generality of subsection (1), the Board may cancel the registration of a certificate holder where-

- (a) the registration was secured in violation of any of the provisions of this Act;
- (b) the chemical for which the certificate holder was registered has been banned in accordance with provisions of this Act or fallen into disuse;
- (c) the registration had been done subject to conditions and those conditions have not been observed;
- (d) the certificate holder has notified the Board in writing of such withdrawal; and
- (e) the chemical has been banned by any International Convention or Treaty ratified by the United Republic.

(3) The cancellation under this section shall be published in the *Gazette* and amendments to the relevant register shall be effected forthwith.

Variation
of certificate

25.—(1) A certificate holder may apply for a variation of a certificate so long as the certificate holder does not contravene the provisions of sections 11, 16, 17, 18 and 19 and any Regulations made thereunder; and may make such application where—

- (a) the certificate holder wants to change the list of chemicals under the permit held; or
- (b) the certificate holder wants to change the location or premises in which the business is dealt in.

(2) A person applying for variation of a certificate by giving false information in an application, commits an offence.

Maintenance of
registration and
re-registration

26.—(1) A person, in order to maintain his registration, shall be required to comply with the procedures prescribed by the Minister in the regulations.

(2) Where cancellation of registration takes place by voluntary withdrawal of the certificate holder and application for re-registration takes place before the initial registration period has expired, the Registrar may re-issue a certificate of re-registration or other certificate to the applicant after complying with the prescribed procedures.

Registration
of premises
and facilities

27.—(1) A person shall not produce chemicals or carry on business or practice as a certificate holder except in premises registered by the Board under this section for that purpose.

(2) The Registrar shall maintain and publish periodically a register of all registered premises.

(3) The registration of any premises or facilities under this section shall cease to have effect upon the expiration of thirty days from the date of any change of the ownership of the business carried on in them.

(4) An application for registration or renewal of registration of premises shall be made to the Board in the prescribed form

as set out in the Fifth Schedule in respect of the registration of any set of premises.

(5) Information submitted under subsection (4) shall be confidential.

(6) A person who contravenes or fails to comply with this section, commits an offence under this Act.

(7) The Board may, for good and sufficient reasons refuse to register, or may cause to be deleted from the register, any premises which are or have become unsuitable for the production of chemicals, or for the lawful carrying out of chemical business

Prohibition
from dealing in
chemicals listed
in Third, Sixth,
Seventh and
Eighth Schedules
Act No.
14 of 2019 s. 33

28.—(1) A person shall not possess, use, distribute, buy or sell chemicals specified under the Third, Sixth, Seventh and Eighth Schedules unless that person is registered under this Act.

(2) A person who contravenes subsection (1) commits an offence and on conviction, shall be liable to—

- (a) in case of a natural person, a fine of not less than one million shillings but not exceeding five million shillings or to imprisonment for a term of two years or to both; and
- (b) in case of a body corporate, a fine of not less than ten million shillings but not exceeding two hundred million shillings.

[s. 27A]

Keeping of
records of
chemical
transactions

29.—(1) The Registrar shall keep all records of chemicals, produced, imported, exported, transported, sold, dealt in, stored or used in Mainland Tanzania.

(2) A person who produces, imports, exports, transports or deals in chemicals in accordance with the provisions of this Act shall keep a record of all quantities and qualities of chemicals produced, imported, used, sold, distributed, stored, exported or transported.

(3) The record kept in accordance with subsection (2), shall contain the name and address of persons involved in such

transactions and any other matters that may be prescribed or contained in the conditions of registration of any chemical.

(4) The record kept in accordance with subsections (2) and (3), shall be forwarded to the Registrar at the end of each calendar year in a format that may be prescribed by the Board.

(5) The records shall be kept by the Registrar for at least five years.

(6) Information submitted to the Registrar under subsection (4) shall be confidential.

[s. 28]

(b) Certificate

Certificate for
production,
importation,
exportation,
transportation,
storage and
dealing in
chemicals
Act No.
14 of 2019 s. 34

30.—(1) A person shall not produce, import, export, store, transport or deal in chemicals without a certificate and subject to such conditions as may be prescribed.

(2) The Board shall be the authority responsible for the grant, renewal, variation, suspension, cancellation and revocation of certificate under this Act.

(3) Any application for a certificate under this Act shall be made to the Board in the prescribed form.

(4) Where an application is made for a certificate under this Part, the Board shall, before issuance of the certificate to which the application relates, consider the following-

- (a) where the case of an application for a producer's certificate whether conditions under sections 11, 16, 17, 18 and 19 and any regulations made under this Act are complied with;
- (b) in the case of an application for a certificate to import, export, transport, store or deal in chemicals, whether conditions made under sections 11, 16 and 20 and any regulations made under this Act are complied with; and
- (c) the category of the chemical and the accompanying conditions.

(5) Without prejudice to subsection (4), the Board may-

- (a) if satisfied that it is in the public interest that a certificate to produce, import, export, transport, store or deal in

a chemical should be issued or renewed, the Board shall approve issuance of a certificate or renewal of a certificate or be, to the applicant;

- (b) refuse to approve issuance of certificate, or renewal of a certificate, or may revoke, a certificate under this section, for any good and sufficient reason relating either to the applicant or certificate, or to the premises in which the business is, or is proposed to be carried on.

(6) The issuance of certificate under subsection (5)(a) shall be as prescribed in the Tenth Schedule.

(7) A separate certificate under this section shall be required in respect of each set of premises in which the business is carried on.

(8) All certificates shall be signed by the Registrar and the Registrar shall keep a register of all certificates issued under this Act.

(9) A person who produces, imports, exports, stores, transports, or deals in chemicals without a certificate issued by the Board and subject to such conditions as may be prescribed, commits an offence.

[s. 29]

(c) Restrictions

Restrictions,
banning and
elimination
of chemicals

31.-(1) Upon application for the registration of a chemical or where after registration, a chemical is:

- (a) proved to be dangerous to human life or environment;
- (b) proved to be highly toxic, highly hazardous, persistent or biologically accumulative;
- (c) proved to cause poisoning effect to human and animals of which no effective antidote is available;
- (d) severely restricted by National, International Convention or Treaty; and
- (e) subject to action according to an International Convention or Treaty ratified in the United Republic,

the Board shall restrict, severely restrict, ban or phase out the use and handling of chemicals specified under the Eighth Schedule.

(2) Notwithstanding the provisions of subsection (1), the Board may require a restricted, severely restricted or a banned chemical to be produced, sold, distributed, transported, stored or used subject to such conditions as the Board may deem necessary.

[s. 30]

Precursor
chemicals

32. Notwithstanding the provisions of sections 11, 16, 17, 18 and 19, the Board may prescribe additional requirements with which any precursor chemicals or component thereof as specified in the Seventh Schedule to this Act, the certificate holder shall be required to comply.

[s. 31]

Use of restricted
chemicals

33.—(1) A person shall not use or be found in possession of a chemical which has been registered under section 30 without a certificate issued by the Registrar.

(2) An application for a certificate required under subsection (1), shall be made to the Board stating how the applicant proposes to fulfill the conditions required while using the restricted chemical.

(3) An employer who requires an employee to use a restricted chemical shall provide and require the employee to use such facilities and such employee may be required to use personal protective gears conducive to the safe handling of such chemical.

(4) The registration under this category shall be valid for a period of one year.

(5) A person using a chemical in contravention of this section, commits an offence.

[s. 32]

Restriction
on chemicals

34.—(1) Notwithstanding the provisions of sections 11, 16, 17, 18 and 19, the Board may prescribe additional requirements with which any chemical or component thereof which the certificate holder must comply with, including specifications of the composition, purity or other properties and the conditions under which the chemical shall be sold.

(2) The Board may, by notice in writing, require any person who produces, deals in any chemical or on whose direction any chemical is produced or dealt in to furnish it with information and particulars which that person has in his possession.

(3) A person who sells a restricted chemical without a certificate, commits an offence under this Act.

[s. 33]

Restriction on
production
importation
exportation
and dealing in
chemicals

35.—(1) Subject to any exemption conferred by the Board or under this Act, a person shall not sell by retail, offer or expose for sale by retail or supply any hazardous chemicals unless—

- (a) the person is lawfully conducting a retail chemicals business;
- (b) the product is sold or supplied in premises which are registered; or
- (c) the person is a qualified, or, if the transaction is carried out on his behalf by another person, and that other person is, or acts under the supervision of a qualified person.

(2) A retailer or user who holds more than a threshold quantity of a chemical appearing under the Third Schedule to this Act shall need to apply for certificate as specified under sections 16, 17, and 19 or by any other provisions of this Act.

(3) Where the Minister on advice of the Board is satisfied that the use of any chemical is likely to cause adverse effects on human health and the environment, the Minister may, by notice in the *Gazette*, prohibit the production, importation, exportation and dealing in such chemical.

(4) Where subsection (2) applies, a person shall not sell or supply any chemical unless such sale or supply is made from premises capable of being closed so as to exclude the public.

(5) Subject to the provisions of this section, a person shall not sell by retail, or supply in circumstances corresponding to retail sale of a chemical of a description or a class specified by order made by the Minister and published in the *Gazette* except in accordance with the guidelines provided for under this Act.

(6) A person whether by himself or by any other person on his behalf, produces or deals in any chemical in contravention of subsection (1) of this section or any notification issued under this section, commits an offence.

[s. 34]

Prohibition
on productions,
dealing in
counterfeit or
adulterated
chemicals

36.—(1) A person shall not be allowed to produce, import or deal in adulterated or counterfeit chemicals.

(2) For the purpose of this Act, a chemical shall be deemed to be counterfeit or adulterated, if it is an imitation of, or is a substitute for another chemical or resembles another chemical likely to deceive, or bears upon its label or container the name of another chemical unless it is plainly and conspicuously marked so as to reveal its true character and its lack of identity with such other chemical.

(3) Subject to this section, a person shall not produce, deal in or advertise any chemical produced in contravention of subsection (1).

(4) A person who contravenes any of the provisions of subsection (1), commits an offence.

[s. 35]

(d) Inspection

Appointment
of inspectors

37. The Minister on advice of the Board shall, by notice published in the *Gazette*, appoint inspectors.

[s. 36]

Duties of
inspectors

38. For the purpose of ensuring compliance with this Act, an inspector may—

- (a) take samples of any chemicals or articles to which this Act relates and, as may be prescribed, submit such samples for test and analysis;
- (b) carry out periodic inspection of all establishments within the local limits of his jurisdiction in which production, importation, storage, dealing in chemicals as many times as he deems necessary, to determine

whether the provisions of this Act are being carried out; and

- (c) make examinations and enquiries to discover whether this Act is complied with.

[s. 37]

Powers of
inspectors

39.—(1) An inspector, in the performance of his duties pursuant to the provisions of this Act or any regulations made thereunder, at all reasonable times without a warrant, on production of identity card may—

- (a) enter on any land, premises or conveyance where a chemical is or may be reasonably suspected to be produced, imported, exported, stored, dealt in to determine whether the provisions of this Act are being complied with;
- (b) enquire, inspect, examine and make copy of certificates, registers, records and other documents relating to this Act;
- (c) seize any equipment, chemical or other articles which he believes that have been used in the contravention of the provisions of this Act or commission of an offence against this Act or regulations made thereunder;
- (d) cause a police officer to arrest any person who he believes has committed an offence against this Act; and
- (e) access records kept in accordance with section 16(f) and section 29(2) upon request.

(2) In exercising his powers under this section, an inspector shall suitably identify himself by declaring his office and upon production of identity card certified under subsection (1).

(3) A person obstructing an inspector commits an offence under this Act.

[s. 38]

Procedure for
taking samples

40.—(1) An inspector before or on taking samples of any chemical for analysis in accordance with section 38 shall inform the person apparently in charge of the chemical that, the sample will be taken for analysis.

(2) The inspector shall divide the samples into three parts to be marked, sealed and countersigned by the person apparently in charge and delivered as their nature will permit, as follows:

- (a) the sample to be delivered to the person apparently incharge of the chemical;
- (b) the sample to be delivered to the designated laboratory for analysis; and
- (c) the sample to be delivered to the Registrar.

(3) Where the chemical packed in containers is likely to deteriorate or be damaged by exposure, the inspector may take three containers or packages and after suitably marking the same and sealing them, proceed as provided for in subsection (2).

[s. 39]

Who may request
for analysis

41.—(1) An inspector may, in writing, request the designated laboratory to analyse a sample taken in accordance with section 38(a) and subsections (1) and (2) of section 40.

(2) A person shall, upon fulfilment of the prescribed procedures set out by the Minister in the regulations, be entitled to request the analysis of such a chemical.

(3) A court of law may order that a chemical be analysed in case of any matter before it.

(4) Notwithstanding subsection (2), a person who requests for analysis, other than those prescribed under this Act, shall bear the actual costs of the analysis.

(5) The Board may request that any chemical be analysed for the purpose of implementing the provisions of this Act.

[s. 40]

Designated,
reference
laboratories and
certificate of
analysis

42.—(1) In addition to the designated laboratories, the Minister may, by order published in the *Gazette*, appoint additional designated laboratories and reference laboratories as he may deem fit for the implementation of the provisions of this Act.

(2) The designated laboratory or the reference laboratory shall issue a certificate of analysis stating the results of analysis of any substances submitted in accordance with this Act.

(3) The certificate of the designated laboratory, or the reference laboratory shall state the method of analysis followed and a certificate shall be signed under the hand of the person in charge of that designated or the reference laboratory or any person designated by him in writing.

(4) A certificate complying with subsections (2) and (3), shall be sufficient evidence of the facts stated therein, whether produced by the defence or the prosecution unless either party wishes to require that the analyst appear as a witness.

[s. 41]

PART IV

MANAGEMENT OF INDUSTRIAL AND CONSUMER CHEMICALS

Labelling and safe
handling
Act No.
14 of 2019 s. 35

43.—(1) A person who produces, distributes, sells, transports, imports, exports, stores or deals in a chemical shall-

- (a) ensure the chemical is packaged according to recognised and approved national or international standards and the package shall bear a label as specified under subsection (5) of section 11;
- (b) take such steps and otherwise observe such precautions as are needed to prevent or minimize harm to human health or to the environment, and this includes avoiding use of hazardous chemicals for which less hazardous alternatives are available;
- (c) ensure through his own research or in another manner, that satisfactory investigation has been carried out to determine what health or environmental detriment the chemical may cause and the investigation shall be carried out in accordance with acknowledged scientific principles and proven experience;
- (d) have access to chemical and toxicological information that is needed in consideration of the scope of the activity and the properties of the chemical;

- (e) through labeling or in another manner, provide information of importance from the standpoint of human health or environmental protection or anything as it may deem necessary to provide; and
- (f) provide to the Board, all information on the chemical and its handling that may be needed to assess the hazards it presents to human health or to the environment.

(2) A person who distributes, sells, transports, imports, exports, stores or deals in a chemical, shall through a registration method which accords medical surveillance of workers as necessary-

- (a) assess the health of workers in relation to hazards caused by exposure to chemicals;
- (b) diagnose work-related diseases and injuries caused by exposure to hazardous chemicals;
- (c) where the results of medical test or investigation reveal clinical or preclinical effects, take measures to prevent or reduce exposure of the workers concerned, and prevent further deterioration of their health;
- (d) use the results of medical examination to determine health status with respect to exposure on chemicals, and shall not use the result to discriminate against the worker;
- (e) record results from the medical surveillance of workers and shall keep them for a period of five years;
- (f) have workers access to their medical records, either personally or through their own physicians;
- (g) have the confidentiality of individual records respected in accordance with the generally accepted principles of medical ethics;
- (h) issue the results of medical examinations and clearly explained to the workers concerned through their physician or medical practitioner;
- (i) ensure that, worker and their representative have access to the results of studies prepared from medical records where individual workers cannot be identified; and

- (j) avail the results of medical records to enable preparation of appropriate health statistics and epidemiological studies, provided anonymity is maintained, where this may aid in the recognition and control of occupational diseases.

(3) An employer who requires or permits an employee to use a chemical, shall provide and require the employee to use such facilities and personal protective gears conducive to the safe handling of such chemical.

(4) A person who purposely or knowingly abandons chemicals or handles chemicals contrary to the provisions of this Act, commits an offence.

(5) A person who handles chemicals contrary to the manner prescribed in this section, commits an offence.

(6) A person who imports unlabelled, obsolete or expired chemical commits an offence and on conviction shall be liable to a fine of not less than five million shillings or to imprisonment for a term of six months or to both.

[s. 42]

Chemical and
Chemical wastes
Act No.
14 of 2019 s. 36

44.—(1) A person shall not be allowed to import chemical wastes in the country.

(2) The Board shall, on the basis of scientific research, assess levels of chemical wastes in the social and economic activities and prescribe safety measures for exportation, production, storage, dealing in and disposal of such wastes.

(3) A person handling chemical wastes shall have sufficient knowledge to handle such wastes.

(4) A person handling a chemical shall-

- (a) take such steps and precautions to ensure that accumulation of chemical wastes is avoided;
- (b) be responsible for-
 - (i) keeping records on chemical and their wastes;
 - (ii) inform the Registrar on regular basis on the accumulation of chemical wastes; and
 - (iii) safe and environmentally sound disposition of any chemical wastes generated.

(5) The Registrar shall ensure that a waste incinerator is in place and if there is none in place he must ensure that, his institution is collaborating with other relevant institutions to develop risk reduction measures in order to reduce ecological and human health risks.

(6) Unless otherwise directed by the Board, specially trained personnel shall handle waste chemicals for temporary storage or for final disposal.

(7) The Board may set up economic instruments to manage chemicals and chemical wastes for the purpose of preventing and mitigating environmental degradation.

(8) A person shall not dispose of any chemical, chemical wastes, chemical containers without obtaining a certificate from the Board issued after consultation with the National Environment Management Council or any other competent authority or institution as the Board may deem fit.

(9) A person who imports or handles highly hazardous chemicals set out in the Sixth Schedule, shall seek authorisation from the Board.

(10) The final disposal of any hazardous chemical wastes may only be executed by personnel having a certificate issued by the Board.

(11) A person shall not be allowed to unload and repackage imported or transit bulk chemicals in the port unless such operation is undertaken at the designated port or area.

(12) A person who contravenes the provisions of this section, commits an offence under this Act.

[s. 43]

Disposal of
chemical wastes

45.—(1) A person involved in the disposal of chemical wastes shall apply to the Board for a certificate, and an application shall be in writing and contain information on-

- (a) the nature and quantity of the chemical wastes the applicant intends to treat and dispose of;
- (b) the source and nature of the waste;
- (c) where and in what manner the chemical wastes is to be treated and disposed of;

- (d) scientific knowledge that the methodology will not result in adverse effects to health and environment; and
- (e) any other conditions of importance for evaluating the nature and scope of the activity.

(2) Notwithstanding subsection (1), any firm may in its own plant, finally dispose of chemical wastes that are not generated from the plant, if a certificate for the plant has been issued pursuant to this Act, and if the company utilizes only a small portion of the plant for the treatment.

(3) The treatment referred to in subsection (2), shall not commence unless the firm has submitted a notification to the Registrar fourteen days in advance.

(4) The Board shall send a copy of a notification received under subsection (3) to the National Environment Management Council, local authority and other authorities or institutions engaged in environmental health protection.

(5) A person who contravenes this section, commits an offence.

[s. 44]

Prevention and
management of
accidents

46.—(1) The certificate holder shall-

- (a) take such steps and otherwise observe such precautions as are needed to prevent accidents and therefore harm to human health and environment and such steps shall include:
 - (i) monitoring of safety, through adequate maintenance of operations and inspections;
 - (ii) choice of adequate route avoiding obstacles, peak hours and densely populated areas and hence have a suitable carriage;
 - (iii) avoiding over loading of chemicals;
 - (iv) taking precautions consummerte to properties of the chemical;
- (b) prepare contingency plans and procedures for managing accidents which shall be presented to the Board for approval;

- (c) in the case of an accident, immediately put into effect the approved contingency plan;
- (d) in the case of a spill, immediately respond, including notifying the circumstances of the spill and any action taken or proposed to be taken in relation to the spill to the public, the Registrar, the Board and any other relevant authorities; and
- (e) document and report every accident or spill to the Board and other relevant authorities and the public, with details as may be prescribed by the Board.

(2) A certificate holder who holds highly hazardous chemicals shall perform a risk assessment and risk management program and submit a summary of the Program to the Board, in a type and format that as may be prescribed by the Board.

(3) Where a certificate holder fails to notify the public, the Registrar, the Board and any other authorities or fails to put into effect the approved contingency plans beyond eight hours after the accident, this shall be deemed to be a continuing offence.

(4) A certificate holder who causes an accident or spill shall forthwith do everything practicable to prevent, eliminate, restore and ameliorate the adverse effects of the accident or spill.

(5) A person or local authority who is informed of a spill and of any contaminated site shall notify the Registrar.

(6) A certificate holder who contravenes the provisions of this section, commits an offence.

[s. 45]

Management
of spills and
contaminated
sites

47.-(1) The certificate holder shall-

- (a) take all necessary steps to prevent spillages and contamination of the environment;
- (b) prepare contingency plans and procedures for managing spills and contaminated sites, which shall be presented to the Board for approval;
- (c) in the case of an accident, immediately respond, including notifying the circumstances of the accident and any action taken or proposed to be taken in

relation to the accident to the public, the Registrar and any other relevant authorities;

- (d) in the case of a spill, immediately notify the public, the Board and other relevant authorities for further action, and put into effect the approved contingency plan; and
- (e) document and report every incident of spills or accidents to the Board, and other authorities and the report shall include details on the cause of the spill or accident management and the proposed mitigation measures to be undertaken.

(2) The Board may prescribe measures which may include but not restricted to taking prevention, elimination and amelioration of adverse effects on, restoring and preventing the environment from any harm and reducing ecological and human health from various risks.

(3) The Board may direct inspection to be undertaken following complaints from the public.

(4) The Board shall prescribe the procedures for clean-up and removal operations in the event of a spill.

(5) The Board shall prescribe the method of storage and disposal of any pollutant of any object, plant, animal, or any part of the environment removed in a clean-up or removal operation or otherwise affected by a pollutant.

(6) A person affected in a way by a spill shall have a right to damages or compensation from the chemical dealer.

(7) The certificate holder shall be liable for the expenses incurred during clean up operations and any damages caused by a spill, accident or contaminated site.

(8) The pollutant shall be in the custody or employment of the certificate holder who causes spill.

(9) The Board may recover from the certificate holder who causes a spill, accident or a site to be contaminated all costs and expenses incurred as a result of-

- (a) any clean-up or removal operation;
- (b) any measure taken to prevent, eliminate and ameliorate the adverse effects of a spill on the environment; and

- (c) any measure taken to dispose of, to deal with the spill and contaminated site;
- (d) monitoring of the environment, public health or any other factor as it may deem fit.

(10) Where a certificate holder fails to notify the public, the Board and other authorities or fails to put into effect the approved contingency plans beyond eight hours after the spill or accident, this offence shall be deemed to be a continuing offence.

(11) A person who knowingly fails to inform the Registrar or any other relevant authority of any certificate holder who contravenes the provisions of this section, commits an offence.

[s. 46]

Decommissioning
of plants

48.—(1) When a certificate holder decommissions a plant, shall take such steps and otherwise observe precautions as are needed to ensure that, harm to human health and the environment is prevented and the steps and precautions shall include—

- (a) an Environmental Impact Assessment and ensure that all remaining stocks of chemicals are disposed of soundly as well as the equipment; and
- (b) that the holder make good the plant site.

(2) A person who contravenes the provisions of subsection (1), commits an offence.

[s. 47]

PART V

FINANCIAL PROVISIONS

49.—(1) Without prejudice to the generality of Part V, the Government Chemist Laboratory Authority shall establish an account into which all moneys received shall be paid and out of which all payments required for chemical management and control shall be made.

(2) The account shall be administered by the Registrar.

Funds and
resources of
Government
Chemist
Laboratory
Authority
Act No.
14 of 2019 ss. 27
and 37

(3) The moneys shall be applied for the furtherance of the objectives of this Act, including public awareness on the safe handling of chemicals, and any other activities of the Authority.

Cap. 177

(4) The funds of the Government Chemist Laboratory Authority shall be as prescribed under section 36 of the Government Chemist Laboratory Authority Act.

(5) The financial year of the Authority shall start in July of each year.

(6) The accounting officer of the funds and resources of the Authority shall be the Registrar.

[s. 48]

Accounts and
audit
Act No.
14 of 2019 ss. 27
and 38
Cap. 177

50.—(1) The accounts of the Authority shall be prepared in accordance with the approved accounting standards provided for under section 41 of the Government Chemist Laboratory Authority Act.

(2) As soon as the accounts of the Authority have been audited and in any case not later than four months after the close of the financial year, the Authority shall submit to the Minister a copy of the audited statements of accounts together with a copy of the report, made by the Auditor on the statement of accounts.

(3) The Registrar shall, not later than three months before the end of each financial year, prepare and submit to the Board for its approval estimates of income and expenditure of the Authority for the next ensuing year.

(4) Subject to any other direction of the Authority, an expenditure shall not be made out of funds of the Authority unless the expenditure is part of the expenditure approved by the Authority under the estimates for the financial year in which that expenditure is to be made.

(5) The Authority may, where it deems fit, invest any sum of money which is not required for immediate use.

[s. 49]

Annual reports
and performance
agreements
Act No.
14 of 2019 s. 39
Cap. 177

51. Within six months after the end of each financial year, the Registrar shall prepare and submit to the Minister an annual report in accordance with section 40 of the Government Chemist Laboratory Authority Act.

[s. 50]

PART VI MISCELLANEOUS PROVISIONS

Notification of
death and injury

52.—(1) A person on whose premises or land, injury or death of a human being or animal has occurred as a result of exposure to, use or handling of chemicals, shall send a notice forthwith of such death or personal injury to the Registrar or to a local authority of that particular area.

(2) A registered medical practitioner or physician who has reason to believe upon examination of a person that, a person had died or suffered personal injury as a result of exposure to chemicals, shall notify the Registrar forthwith.

(3) A medical practitioner, physician, public health officer, environmental or natural resources expert who has reason to believe that, certain ailments and death of human beings, animals or destruction to any vegetation or environment occurring in any area under his charge may be linked to exposure to any chemicals being handled or used in the area, shall notify the Registrar forthwith.

(4) A veterinary or livestock officer who has reason to believe that, certain ailments and deaths of animals occurring in the area under his charge may be linked to exposure to any chemicals, shall notify the Registrar forthwith.

[s. 51]

Inquiry or
investigation
Cap. 24

53.—(1) The Registrar may upon receiving a notification under section 52, cause an inquest to be carried out in accordance with the provisions of the Inquest Act.

(2) The person or persons holding an inquest under this section, shall within six months report to the Registrar their findings and recommendations.

(3) The Registrar shall report to the Board on the findings and recommendations of the inquest and the measures to be taken.

(4) A person obstructing a duly authorised officer to conduct an inquest under this section, commits an offence.

[s. 52]

Liability of
body corporate,
partnerships,
agents, principles
and employers

54.—(1) Where an offence against this Act is committed by a body corporate, a director or officer of the body corporate who had knowledge or should have had knowledge of the commission of the offence, commits an offence.

(2) Where an offence is committed against this Act by a partnership, a partner or officer of the partnership who had knowledge or should have had knowledge of the commission of the offence, commits an offence.

(3) A person shall be personally liable for any offence against this Act, whether committed by him on his own account or as an agent or servant of the person.

[s. 53]

Liability of
committee
members and
employees

55. A member of the Committee, the Registrar or any other person empowered to perform any function under this Act, shall not be liable for any Act done in good faith in execution or purported execution of his function under this Act.

[s. 54]

Forfeiture,
cancellation and
other orders

56.—(1) The Court before which a person is prosecuted for an offence against this Act or the regulations made thereunder shall order that the substance, equipment and appliances used in the commission of the offence be forfeited to the Government or be disposed of as the court may direct.

(2) In making an order for disposal under subsection (1), the court shall order that the costs of disposing of the substances,

equipment and appliance as provided for in subsection (1) be borne by the accused.

(3) The court may further order that, the registration or provisional clearance of a chemical, or a certificate issued under this Act be cancelled.

[s. 55]

Appeals against
decisions of the
Board

57. A person who is aggrieved by any decision of the Board may, within thirty days, appeal in writing to the Minister.

[s. 56]

Exemptions

58.—(1) The Board may exempt certain chemicals imported and distributed in Mainland Tanzania by the Government from payment of fees.

(2) The Board may exempt from payment of fees required to be paid under this Act on any chemicals donated, imported and distributed by international aid agencies and programs.

[s. 57]

General penalty

59. A person who commits an offence against the provisions of this Act or regulations made thereunder and for which a specific penalty is not specifically provided on first conviction, shall be liable to a fine of not less than five hundred thousand shillings or to imprisonment for a term of not less than six months or to both.

[s. 58]

Offences and
penalties

60.—(1) A person who, by himself, his servant or agent, either directly or indirectly—

- (a) gives false information in an application for registration of a chemical, provisional clearance or certificate contrary to sections 11, 15, 16, 17, 18, 19, 20 and 27;
- (b) fails to register a chemical contrary to section 12;
- (c) uses a restricted chemical contrary to section 34;
- (d) produces or deals in chemicals without a certificate contrary to subsection (7) of section 30;

- (e) produces or deals in chemicals in un-registered premises contrary to section 27;
 - (f) produces or deals in prohibited chemicals contrary to subsection (3) of section 33 and of section 34;
 - (g) produces or deals in adulterated or counterfeit chemicals contrary to section 36;
 - (h) obstructs an inspector or duly authorised officer contrary to subsection (3) of section 39 and subsection (4) of section 53;
 - (i) handles chemicals unsafely contrary to section 43;
 - (j) fails to manage chemical wastes contrary to subsection (3) of section 44;
 - (k) causes accidents or fails to manage accidents involving chemicals contrary to subsection (4) of section 46;
 - (l) fails to manage chemical spills or contaminated sites contrary to subsection (4) of section 47; or
 - (m) fails to decommission chemical plants contrary to subsection (1) of section 48,
- commits an offence.

(2) A person who commits an offence under this Act on conviction-

- (a) in case of a body corporate, shall be liable to a fine of not less than five million shillings and not exceeding than fifty million shillings;
- (b) in case of a natural person, shall be liable to a fine of not less than fifty thousand shillings and not exceeding than five million shillings or to a term of imprisonment of two years or to both.

[s. 59]

61. A person who, for any second and subsequent offence committed against this Act or any regulations made under this Act on conviction-

- (a) in case of a natural person, shall be liable to a fine of not less than twice the amount of the fine prescribed for the

Second and
subsequent
offence and
penalties

first offence or by a term of imprisonment of not less than twice the length for the first offence or both; and

- (b) for a body corporate, shall be liable to a fine of not less than twice the amount of the fine prescribed for the first offence under subsection (2) of section 60, and the court may in addition order, the withdrawal of any certificate of registration, provisional clearance certificate or any other right held by the offender.

[s. 60]

Losses and
expenses

62.—(1) A person who fails to comply or acts contrary to the provisions of this Act, or causes an inspector or a duly authorised officer to incur an expense that would not otherwise have been incurred, shall pay to the Registrar or any respective authority full amount of that expense reasonably incurred.

(2) For avoidance of doubt, it is hereby declared that—

- (a) any removal, treatment, reshipment, or destruction of chemicals to which this Act applies shall be carried out at the expense of the owner, importer, occupier or any person in-charge of the chemicals concerned; and
- (b) the Registrar shall not be liable for any costs or losses resulting directly or indirectly from actions taken under this Act.

[s. 61]

Compounding
of offences
Act No.

14 of 2019 s. 40

63.—(1) Notwithstanding the provisions of this Act relating to penalties, where a person admits in writing that he has committed an offence under this Act or any other sector legislation, the Registrar or a person authorised by him in writing may, at any time prior to the commencement of the proceedings by a court of competent jurisdiction, compound such offence and order such person to pay a sum of money not exceeding one half of the amount of a fine to which such person would otherwise have been liable to pay if he had been convicted of such offence.

(2) Where the person fails to comply with the compounding order issued under this section within the prescribed period,

the Registrar may in addition to the sum ordered, require the person to pay an interest at the rate prescribed in the regulations.

(3) Where the person fails to comply with subsection (2), the Registrar may enforce the compounding order and interest accrued thereof in the same manner as a decree of a court.

(4) The Registrar shall submit quarterly reports of all compounded offences under this section to the Director of Public Prosecutions.

(5) The forms and manner of compounding of offences shall be as prescribed in the regulations made under this Act.

[s. 61A]

Power to make
regulations

64.—(1) The Minister may, in recommendation of the Board, make regulations for the effective carrying out of the objectives and purposes of this Act.

(2) In particular and without prejudice to the generality of the foregoing, the regulations may provide for any of the following matters, namely—

- (a) the form, manner and procedures in which an application for registration of chemicals, exportation, importation or renewal of registration or certificates shall be made;
- (b) the procedure and the manner in which the applications shall be made;
- (c) the forms and manner of the labelling including the use of suitable pictograms and warning signs;
- (d) the requirements of chemical containers;
- (e) the certification to import, produce, export, store, transport, deal in chemicals and the form and condition attached to such certificate;
- (f) the manner and procedure of advertising chemicals;
- (g) the sound environmentally manner and procedure of disposal of chemicals, chemical wastes and their containers;
- (h) the qualifications and duties of inspectors and analysts and the form of the certificate of the analysis;

- (i) the appointment of inspectors, designated and reference laboratories;
- (j) the records to be kept and the form in which they will be kept;
- (k) the management and control procedures for chemicals that are in conformity with International Conventions and Treaties or Agreements;
- (l) the prevention and management of accidents; and
- (m) any other matter which may be required for effective carrying into effect or implementation of this Act.

[s. 62]

Powers of
Minister

65.—(1) The powers of the Minister under this Act shall be to-

- (a) declare by order in the *Gazette*, any chemicals which shall be subject to the provisions of this Act and the regulations; and
- (b) declare by order in the *Gazette*, a list of substances which shall be treated as chemicals for the purpose of this Act.

(2) Notwithstanding the provisions of subsection (1), the Minister may, by order published in the *Gazette*, amend, vary, add or replace any Schedule made under this Act.

[s. 63]

GN No.
386 of 2012

FIRST SCHEDULE

(Made under section 4(3))

APPOINTMENTS, COMPOSITION AND PROCEDURES OF THE TECHNICAL COMMITTEE

Composition of
Committee

1. The Technical Committee shall consist of:
 - (a) a Chairman - who shall be appointed by the Registrar;
 - (b) the Officer In charge of pesticides registration and control division from the Tropical Pesticides Research Institute;
 - (c) the officer in charge of environment compliance and enforcement from the National Environment Management Council;
 - (d) the officer in charge of inspectorate services from the Occupational Safety and Health Agency;
 - (e) a representative of chemical and process engineering department, University of Dar Es Salaam;
 - (f) a representative from the Ministry of industries and trade (Responsible for chemical industries);
 - (g) a representative from the Ministry responsible for health and social welfare (in charge of environment health services);
 - (h) the in charge of chemicals management at the Government Chemist Laboratory Agency, who shall be a Secretary to the Committee.

Power to co-opt

2. The Committee may co-opt any member as needs arise.

Vice Chairman

3. The members shall select one member amongst them to be Vice Chairman of the Committee and shall meet at least four times a year and whenever the need arise.

Inability to attend

4. Where a member of the Committee who is a member by virtue of his holding some other office is unable for any reason to attend any meeting of the Committee, he may nominate another person from his organisation to attend the meeting in his place.

Alternate
member

- 5.-(1) Where any member ceases to be a member for any reason before the expiration of his term of office, the Registrar may appoint another person in his place and the person so appointed shall hold office for the remainder of the term office of his predecessor.

(2) The tenure of the Committee shall be three years subject to their appointment.

Quorum

6. The quorum at any meeting of the Committee shall be half of the members in office.

GN No.
386 of 2012

SECOND SCHEDULE

(Made under section 11)

APPLICATION FORM FOR REGISTRATION OF CHEMICALS

1.0 Particulars of the applicant:

- 1.1. Name:
- 1.2. Address:
- 1.3. Telephone:
- 1.4. Fax:
- 1.5. E-mail:
- 1.6. Business License No.

- 2.1. Chemical Identity/Name:
- 2.2. Common Name:
- 2.3. Number of Ingredients:
- 2.4. Description of Hazardous
Ingredients by CAS No, and
per cent by mass)

3.0 Labeling and hazards Information:

- 3.1. Provide Copy of Label
- 3.2. Description of Health Hazards
- 3.3. Description of Environment Hazards

4.0 Safe Handling:

- 4.1. Procedure for Handling/Storing
.....
.....
- 4.2. Steps to be taken if the material released or spilled
.....
.....

5.0 Waste Disposal:-

- 5.1. Waste Disposal Methods
(Specify)
- 5.2. Waste Disposal Procedures /
Practice:

**6.0 Attach (1) Material Safety Data Sheets
(2) Specimen of Labels**

Name Signature

Date..... Official stamp

GN. Nos.
386 of 2012
1049 of 2020

THIRD SCHEDULE

(Made under sections 15(2) and 35(2))

Table 1.0 LIST OF CHEMICALS REQUIRING REGISTRATION

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|--|
| 22.07 | | Un denatured ethyl alcohol of an Alcoholic strength by volume of 80% Volume or higher; ethyl alcohol and Other spirits, denatured, of any Strength: | |
| | 2207.10.00 | | Un denatured ethyl alcohol of an alcoholic strength by volume of 80% vol or higher |
| | 2207.20 | | Ethyl alcohol and other spirits, denatured, of any strength. |
| | 2207.20.10 | | Ethanol for use as fuel in an internal combustion engine |
| | 2207.20.90 | | Other, |
| 25.01 | | Salt (including table salt and denatured salt) and pure Sodium Chloride whether of not aqueous solution or containing added anti-caking or free flavoring agent. | |
| | 2501.00.10 | | Table salt |
| | 2501.00.90 | | Other |
| 25.03 | | Sulphur | |
| | 2503.00.00 | | Sulphur of all kinds, other than; sublimed sulphur, precipitated sulphur and colloidal sulphur |
| 25.10 | | Natural Calcium Phosphates, natural Aluminium Calcium Phosphates and Phosphatic Chalk | |
| | 2510.10.00 | | Unground |
| | 2510.20.00 | | Ground |
| 25.11 | | Natural Barium Sulphate (Barytes); natural Barium Carbonate (witherite), whether or not calcined, other than Barium Oxide of heading No. 28.16 | |
| | 2511.10.00 | | Natural Barium Sulphate (Barytes) |
| | 2511.20.00 | | Natural Barium Carbonate (witherite) |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| 25.23 | | Portland Cement | |
| | 2523.10.00 | Cement clinkers | |
| | 2523.21.00 | White cement | |
| | 2523.29.00 | Other | |
| | 2523.30.00 | Aluminous cement | |
| | 2523.90.00 | Other Hydrollic Cement | |
| 25.24 | | Asbestos: | |
| | 2524.10.00 | | Crocidolite |
| | 2524.90.00 | | Other |
| 25.26 | | Talc | |
| | 2526.20.00 | | Crushed or powdered |
| 25.28 | | Natural borates and concentrates thereof (Whether or not Calcined), but not including Borates Separated from Natural Brine; Natural Boric Acid containing not more than 85% Of H_3BO_3 Calculated On The Dry Weight: | |
| | 2528.10.00 | | Natural sodium borates and concentrates thereof (whether or not calcined) |
| | 2528.90.00 | | Other |
| 27.07 | | Mineral Fuels, Mineral Oils and Products of their Distillation Bituminous Substances, Mineral Waxes Oils and other Products of the Distillation of High Temperature Coal Tar. | |
| | 2707.10.00 | | benzene (benzol) |
| | 2707.20.00 | | toluene(toluol) |
| | 2707.30.00 | | xylene (xylol) |
| | 2707.40.00 | | Naphalene |
| | 2707.50.00 | | other aromatic hydrocarbon mixtures of which 65% or more by volume (including losses) distills at 250 c by the ASTM D 86 method |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|---|
| | 2707.60.00 | | Phenol |
| | | | Other |
| | 2707.91.00 | | Creosote oils |
| | 2707.99.00 | | Other |
| 27.09 | | Petroleum Oils and Oils obtained From Bituminous Minerals, Crude | |
| | 2709.00.00 | | petroleum oils and oils obtained from bituminous minerals, crude |
| 27.10 | | Petroleum oil and oils obtained from bituminous minerals other than crude; preparations not elsewhere specified or included, containing by weight 70% or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations | |
| | 2710.00.10 | | Petroleum, partly refined (including topped crude) |
| | | | light oils and preparations: |
| | 2710.00.21 | | aviation spirits |
| | 2710.00.22 | | motor spirits(gasoline), premium |
| | 2710.00.23 | | motor spirits(gasoline), regular |
| | 2710.00.24 | | jet fuel (spirit type) |
| | 2710.00.25 | | special boiling point and white spirit |
| | 2710.00.29 | | other light oils and preparations medium oils: |
| | 2710.00.31 | | jet fuel (kerosene type) |
| | 2710.00.32 | | illuminating kerosene |
| | 2710.00.39 | | other medium oils and preparations |
| | | | distillate fuels (gas oil or diesel) |
| | 2710.00.41 | | diesel oil (industrial heavy black,for low speed marine and stationary engines) |
| | 2710.00.42 | | Gas oil (GO)automotive light, amber, for light speed engine |
| | 2710.00.49 | | other gas oil |
| | 2710.00.60 | | transformer oils |
| | | | lubricants: |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|--|
| | 2710.00.71 | | lubricating oil |
| | 2710.00.72 | | lubricating greases |
| | 2710.00.80 | | Batching oils |
| 27.11 | | Petroleum gases and other gaseous hydrocarbons | |
| | | | Liquefied: |
| | 2711.11.00 | | natural gas |
| | 2711.12.00 | | Propane |
| | 2711.13.00 | | Butanes |
| | 2711.14.00 | | ethylene, propylene, butylene, polypropylene and butadiene |
| | 2711.19.00 | | Other |
| 28.01 | | Halogens (Fluorine, Chlorine, Bromine and iodine) | |
| | 2801.10.00 | | Chlorine |
| | 2801.20.00 | | Iodine |
| | 2801.30.00 | | fluorine, bromine, |
| 28.02 | | Sulphur, sublimated or precipitated, colloidal Sulphur | |
| | 2802.00.00 | | sulphur, sublimated or precipitated, colloidal sulphur |
| | | Carbon (including carbon black and other forms of carbon not elsewhere specified or included). | |
| | 2803.00.00 | | Carbon (including carbon black and other forms of carbon not elsewhere specified or included). |
| 28.04 | | hydrogen, rare gases and other non-metals | |
| | 2804.10.00 | | hydrogen |
| | 2804.21.00 | | Argon |
| | 2804.29.00 | | Others |
| | 2804.30.00 | | Nitrogen |
| | 2804.40.00 | | oxygen |
| | 2804.50.00 | | boron; tellurium |
| | 2804.61.00 | | silicone containing by weight not less than 99.99 % |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| | 2804.69.00 | | other silicone |
| | 2804.70.00 | | Phosphorous |
| | 2804.80.00 | | Arsenic |
| | 2804.90.00 | | Selenium |
| 28.05 | | Alkali or Alkaline Earth-Metals; Rare Earth Metals, Scandium and Yttrium, whether or not inter- Mixed or inter-Alloyed; Mercury | |
| | | | alkali metals: |
| | 2805.11.00 | | sodium, Potassium |
| | 2805.19.00 | | Other |
| | | | alkali earth-metals: |
| | 2805.21.00 | | calcium, Magnesium |
| | 2805.22.00 | | strontium and barium |
| | 2805.30.00 | | rare earth metals and scandium |
| | 2805.40.00 | | Mercury |
| 28.06 | | Inorganic acids and oxygen compounds of non metals | |
| | | | Hydrochloric acid and chlorosulphuric acid |
| | 2806.10.00 | | Hydrochloric acid |
| | 2806.20.00 | | Chlorosulphuric acid |
| 28.07 | | Sulphuric Acid, oleum | |
| | 2807.00.00 | | Sulphuric Acid;oleum |
| 28.08 | | Nitric Acid, Sulphonic Acids | |
| | 2808.00.00 | | Nitric Acid, Sulphonic Acids |
| 28.09 | | Diphosphorus Pentoxide; Polyphosphoric Acids and Phosphoric acids | |
| | 2809.10.00 | | Diphosphorus Pentoxide |
| | 2809.20.00 | | Phosphoric acids and Polyphosphoric acids |
| 28.10 | | Oxides of Boron and Boric acid | |
| | | Other inorganic Acids and other inorganic Oxygen compounds of non metals; | |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| | 2811.11.00 | | Hydrofluoric acid |
| | 2811.19.00 | | Other |
| | | | Other inorganic Oxygen compounds of non metals: |
| | 2811.21.00 | | Carbon Dioxide |
| | 2811.22.00 | | Silicon Dioxide |
| | 2811.23.00 | | Sulphur Dioxide and Trioxide |
| | 2811.29.00 | | Other |
| 28.12 | | Halogen and sulphur compounds of non metals | |
| | | | Halides, Oxyhalides and others |
| | 2812.10.00 | | Chlorides and Chloride Oxides |
| | 2812.90.00 | | Other |
| 28.13 | | Sulphides of non metals, commercial Phosphorus | |
| | 2813.10.00 | | Carbon Disulphide |
| | 2813.90.00 | | Other |
| 28.14 | | Inorganic bases and metallic Oxides, Hydroxides and Peroxides of metals, Ammonia, Anhydrous or Aqueous solution | |
| | 2814.10.00 | | anhydrous ammonia |
| | 2814.20.00 | | ammonia in aqueous solution |
| 28.15 | | Sodium Hydroxide (caustic soda); Potassium Hydroxide (caustic potash); Potassium and Sodium Peroxide | |
| | 2815.11.00 | | Sodium Hydroxide; Sodium Hydroxide in solid form |
| | 2815.12.00 | | Sodium Hydroxide in aqueous form |
| | 2815.20.00 | | Potassium Hydroxide in solid |
| | 2815.30.00 | | Peroxide of Sodium or Potassium |
| 28.16 | | Hydroxide and Peroxide of Magnesium, Oxides, Hydroxide and Peroxides of Strontium or Barium | |
| | 2816.10.00 | | Hydroxide and Peroxide of Magnesium |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|--------------|--|--|
| | 2816.20.00 | | Oxide, Peroxide and Hydroxide of Strontium |
| | 2816.30.00 | | Oxide, Peroxide and Hydroxide of Barium. |
| 28.17 | | Zinc Oxide and Zinc Peroxide | |
| | 2817.00.00 | | Zinc Oxide; Zinc Peroxide |
| 28.18 | | Artificial corundum whether or not chemically defined; Aluminium Oxide and Hydroxides | |
| | 2818.10.00 | | Artificial corundum whether or not chemically defined |
| | 2818.20.00 | | Aluminium Oxide other than Artificial corundum |
| | 2818.30.00 | | Aluminium Hydroxides |
| 28.19 | | Chromium Oxides and Hydroxides | |
| | 2819.10.00 | | Chromium Trioxide |
| | 2819.90.00 | | Others |
| 28.20 | | Manganese Oxides | |
| | 2820.10.00 | | Manganese dioxide |
| | 2820.90.00 | | Other |
| 28.21 | | Iron oxides and Hydroxides, earth colours containing 70% or more by weight of combined iron evaluated as Fe_2O_3 | |
| | 2821.10.00 | | Iron oxide and Hydroxide |
| | 2821.20.00 | | earth colours |
| 28.22 | | Cobalt Oxides and Hydroxides, commercial Cobalt Oxides | |
| | 2822.00.00 | | Cobalt Oxides and Hydroxides, commercial Cobalt Oxides |
| 28.23 | | Titanium Oxides | |
| | 2823.00.00 | | Titanium Oxides |
| 28.24 | | Lead Oxides Red Lead and Orange Lead | |
| | 2824.10.00 | | Lead Monoxides |
| | 2824.20.00 | | Red Lead and orange lead |
| | 2824.90.00 | | Others |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| 28.25 | | Hydrazine, Hydroxylamine, and their inorganic salts, other inorganic bases and metallic oxides; hydroxide and peroxide | |
| | 2825.10.00 | | Hydrazine and Hydroxylamine and their inorganic salts; other metal Oxides, Hydroxides and Peroxides |
| | 2825.20.00 | | Lithium Oxide and Hydroxide |
| | 2825.30.00 | | Vanadium compounds |
| | 2825.40.00 | | Nickel Oxides and Hydroxides |
| | 2825.50.00 | | Copper Oxides and Hydroxides |
| | 2825.60.00 | | Germanium Oxides and Hydroxides |
| | 2825.70.00 | | Molybdenum compounds |
| | 2825.80.00 | | Antimony Oxides |
| | 2825.90.00 | | Others |
| 28.26 | | Metallic salts and peroxy salt, of inorganic acids: Fluorides, Fluorosilicates, Fluoroborates and other complex Fluorine salts | |
| | | | Fluorides |
| | 2826.11.00 | | of Ammonium or Sodium |
| | 2826.12.00 | | of Aluminum |
| | 2826.19.00 | | Other |
| | 2826.20.00 | | Fluorosilicates of Sodium or of Potassium |
| | 2826.30.00 | | Sodium Hexafluoro Aluminate (Synthetic Cryolite) |
| | 2826.90.00 | | Other |
| 28.27 | | Chlorides, Oxychlorides; Bromides; Oxybromides, Iodides And Oxyiodides | |
| | 2827.10.00 | | Ammonium Chlorides |
| | 2827.20.00 | | Calcium Chlorides |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| | | | Other Chlorides of : |
| | 2827.31.00 | | magnesium |
| | 2827.32.00 | | Aluminium |
| | 2827.33.00 | | Iron |
| | 2827.34.00 | | Cobalt |
| | 2827.35.00 | | Nickel |
| | 2827.36.00 | | Zinc |
| | 2827.38.00 | | Barium |
| | 2827.39.00 | | Other |
| | | | Chloride Oxides and Chloride Hydroxides of : |
| | 2827.41.00 | | Copper |
| | 2827.49.00 | | Other |
| | | | Bromides bromide oxides: |
| | 2827.51.00 | | Bromides of Sodium or Potassium |
| | 2827.59.00 | | Others |
| | 2827.60.00 | | Iodides and Iodides Oxides |
| 28.28 | | Hypochlorites; Commercial Calcium Hypochlorite; Chlorites; Hypobromites. | |
| | 2828.10.00 | | Commercial Calcium Hypochlorite and other Calcim Hypochlorites |
| | 2828.90.00 | | Other |
| 28.29 | | Chlorates and Perchlorate, Bromate and Perbromates Iodate and Periodates. | |
| | | | Chlorates of : |
| | 2829.11.00 | | Sodium |
| | 2829.19.00 | | Other |
| | 2829.90.00 | | Other |
| 28.30 | | Sulphides; Polysulphides | |
| | 2830.10.00 | | Sodium Sulphides |
| | 2830.20.00 | | Zinc Sulphide |
| | 2830.30.00 | | Cadmium Sulphide |
| | 2830.90.00 | | Other |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| 28.31 | | Dithionites, including those stabilized with organic substances, sulphonylates | |
| | 2831.10.00 | | Dithionites and Sulphonylates of Sodium |
| | 2831.90.00 | | Other |
| 28.32 | | Sulphites and Thiosulphates | |
| | 2832.10.00 | | Sodium Sulphites |
| | 2832.20.00 | | Other Sulphites |
| | 2832.30.00 | | Thiosulphates |
| | 2832.90.00 | | Other |
| 28.33 | | Sulphates; Including Alums and Persulphates; Peroxosulphates | |
| | | | Sodium Sulphates: |
| | 2833.11.00 | | Disodium Sulphate |
| | 2833.19.00 | | Other |
| | | | Other Sulphates of: |
| | 2833.21.00 | | Magnesium |
| | 2833.22.00 | | Aluminium |
| | 2833.23.00 | | Chromium |
| | 2833.24.00 | | Nickel |
| | 2833.25.00 | | Copper |
| | 2833.26.00 | | Zinc |
| | 2833.27.00 | | Barium |
| | 2833.29.00 | | Other |
| | 2833.30.00 | | Alums |
| | 2833.40.00 | | Peroxosulphates |
| 28.34 | | Nitrites and Nitrates | |
| | 2834.10.00 | | Nitrites |
| | | | Nitrates of : |
| | 2834.21.00 | | Potassium |
| | 2834.22.00 | | Bismuth |
| | 2834.29.00 | | Other |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| 25.35 | | Phosphites, Hypophosphites and Phosphates | |
| | 2835.10.00 | | |
| | | | Phosphates of: |
| | 2835.22.00 | | Mono or Disodium |
| | 2835.23.00 | | Trisodium |
| | 2835.24.00 | | Potassium |
| | 2835.25.00 | | Calcium Hydrogen Orthophosphate (Dicalcium Phosphate) |
| | 2835.26.00 | | Other Phosphate of Calcium |
| | 2835.29.00 | | Other |
| | | | Polyphosphates: |
| | 2835.31.00 | | Sodium Triphosphate (Sodium Tripolyphosphate) |
| | 2835.39.00 | | Other |
| 28.36 | | Carbonates; Peroxocarbonates (Percarbonates); Commercial Ammonium Carbonate Containing Ammonium Carbonate | |
| | 2836.10.00 | | Commercial Ammonium Carbonate and other Ammonium Carbonate |
| | 2836.20.00 | | Disodium Carbonate |
| | 2836.30.00 | | Sodium Hydrogen Carbonate (Sodium Bicarbonate) |
| | 2836.40.00 | | Potassium Carbonate |
| | 2836.50.00 | | Calcium Carbonate |
| | 2836.60.00 | | Barium Carbonate |
| | 2836.70.00 | | Lead Carbonate |
| | | | Other: |
| | 2836.91.00 | | Lithium Carbonates |
| | 2836.92.00 | | Strontium Carbonates |
| | 2836.99.00 | | Other |
| 28.37 | | Cyanides and Complex Cyanides | |
| | | | Cyanides and Cyanides Oxides of: |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| | 2837.11.00 | | Sodium |
| | 2837.19.00 | | Other |
| | 2837.20.00 | | Complex Cyanides |
| 28.38 | | Fulminates, Cyanates and Thiocyanates | |
| | 2838.00.00 | | Fulminates, Cyanates and Thiocyanates |
| 28.39 | | Silicates, Commercial Sodium and Potassium Silicates; | |
| | | | Sodium: |
| | 2839.11.00 | | Sodium Metasilicates |
| | 2839.19.00 | | Other |
| | 2839.20.00 | | Potassium |
| | 2839.90.00 | | Other |
| 28.40 | | Borates and Perborates | |
| | | | Disodium Tetraborate (Refined Borax): |
| | 2840.11.00 | | Anhydrous |
| | 2840.19.00 | | Other |
| | 2840.20.00 | | Other Borates |
| | 2840.30.00 | | Peroxoborates (Perborates) |
| 28.41 | | Salts of Metallic Acids (Chromates, Permanganate, Standards) | |
| | 2841.10.00 | | Aluminates |
| | 2841.20.00 | | Chromates of Zinc or of Lead |
| | 2841.30.00 | | Sodium Dichromate |
| | 2841.40.00 | | Potassium Dichromate |
| | 2841.50.00 | | Other Chromates and Dichromates: Perchromates |
| | 2841.61.00 | | Potassium Permanganate |
| | 2841.69.00 | | Other Chromates and Dichromates: Perchromates |
| | 2841.70.00 | | Molybdate |
| | 2841.80.00 | | Tungstates (Wolframates) |
| | 2841.90.00 | | Other |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| 28.42 | | Other Salts and Peroxsalts of Inorganic Acids | |
| | 2842.10.00 | | Double or Complex Silicates |
| | 2842.90.00 | | Others |
| 28.43 | | Colloidal precious metals amalgams of precious metals inorganic and organic of precious metals including albuminates, proteinates, tannates and similar compounds, whether or chemically defined: | |
| | 2843.10.00 | | Colloidal Pressious Metals |
| | | | Silver Compounds: |
| | 2843.21.00 | | Silver Nitrate |
| | 2843.29.00 | | Other |
| | 2843.30.00 | | Gold Compounds |
| | 2843.90.00 | | Other Compounds; Amalgams |
| 28.44 | | Radioactive chemical elements and radioactive isotopes (including fossil fertile chemical elements and isotopes) and their compounds; mixture of residues containing these products | |
| | 2844.10.00 | | Natural uranium and its compound; alloys, dispersions (including cerments), ceramics products and mixtures containing natural uranium or natural uranium compounds |
| | 2844.20.00 | | Uranium enriched in U 235 and its compounds; plutonium and its compounds; ceramic products and mixtures containing uranium enriched in U 235, plutonic or compounds of these products |
| | 2844.30.00 | | Uranium depleted in U 235 and its compounds; thorium and its compounds; alloys; dispersions (including cerments) ceramic products and mixtures containing uranium depleted in U 235, thorium or compounds containing these products |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| | 2844.40.00 | | radioactive chemical elements and isotopes compounds other than those of subheading No. 2844.10.-2844.30; alloys, dispersion(including cements) ceramic products and mixture containing these elements, isotopes or compounds; radioactive residues |
| | 2844.50.00 | | Spent (irradiated) fuel elements (cartridges) of nuclear reactors |
| 28.45 | | Isotopes other than those of heading No.28.44; compounds, inorganic or organic of such isotopes, wether or not chemically defined. | |
| | 2845.10.00 | | Cerium compounds |
| | 2845.90.00 | | Other |
| 28.46 | | Compounds, inorganic or organic, of rare earth metals ytrium or Scandium of mixtures of these metals | |
| | 2846.10.00 | | Cerium compounds |
| | 2846.90.00 | | Other |
| 28.47 | | Hydrogen Peroxide, whether or not solidified with urea | |
| | 2847.00.00 | hydrogen peroxide, whether or not solidified with urea | |
| 28.48 | | Phosphides, whether or not chemical defined excluding ferrophosphorous | |
| | 2848.00.00 | Phosphides, whether or not chemical defined, exluding ferrophosphorous | |
| 28.49 | | Carbides, whether or not chemical defined | |
| | 2849.10.00 | | Calcium Carbide |
| | 2849.20.00 | | Silicon Carbide (Corundum) |
| | 2849.90.00 | | Other |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| 28.50 | | hydrides, nitrites, azides, silicides and borides or not chemical defined | |
| | | other inorganic compounds amalgams, other than amalgamas of precious metals | |
| | 2850.00.00 | | Hydrides, Nitrites, Azides, Silicides And Borides or Not Chemical Defined |
| | | | Other Inorganic Compounds |
| | | | Amalgams, Other Than Amalgamas Of Precious Metals |
| 28.51 | | Other inorganic compound (including distilled or conductivity water and water of similar purity); liquid or (wher or not rare gases have been removed);compressed air; amlgams, other than amalgams of precious metals | |
| | 2851.00.00 | | Other inorganic compound (including distilled or conductivity water and water of similar purity);liquid or (wher or not rare gases have been removed);compressed air; amlgams, other than amalgams of precious metals |
| 29.01 | | Hydrocarbons and their Halogenated, Sulphonated, Nitrated or Nitrosalted derivatives | |
| | | | Organic Chemicals |
| | | | Acyclic Hydrocarbons |
| | 2901.10.00 | | Saturated |
| | 2901.10.00 | | Unsaturated |
| | 2901.21.00 | | Ethylene |
| | 2901.22.00 | | Propene (Propylene) |
| | 2901.23.00 | | Butene (Butylene) and Isomers there of (m-Butadiene and Methylbutadienes) |
| | 2901.24.00 | | Buta-1,3-diene and isoprene |
| | 2901.29.00 | | Other |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|--|
| 29.02 | | Cyclic Hydrocarbon Cyclanes, Cyclenes and Cycloterpenes: | |
| | 2902.11.00 | | Cyclohexane |
| | 2902.19.00 | | Other |
| | 2902.20.00 | | Benzene |
| | 2902.30.00 | | Toluene |
| | 2902.40.00 | | Xylene |
| | 2902.41.00 | | o-xylene |
| | 2902.42.00 | | m-xylene |
| | 2902.43.00 | | p-xylene |
| | 2902.44.00 | | mixed xylene isomers |
| | 2902.50.00 | | Styrene |
| | 2902.60.00 | | Ethylbenzene |
| | 2902.70.00 | | Cymene |
| | 2902.90.00 | | Other |
| 29.03 | | Halogenated Derivatives of Hydrocarbons | |
| | | Saturated Chlorinated Derivates of Acyclic Hydrocarbones: | |
| | 2903.11.00 | | Chloromethane |
| | 2903.12.00 | | Dichloromethane |
| | 2903.13.00 | | Chloroform |
| | 2903.14.00 | | carbon tetrachloride |
| | 2903.15.00 | | 1,2-dichloropropane (ethylene dichloride) |
| | 2903.16.00 | | 1,2-dichloropropane (propylene dichloride) and dichloro butane |
| | 2903.19.00 | | Other |
| | | | Unsaturated Chlorinated Derivatives of Acyclic Hydrocarbons: |
| | 2903.21.00 | | Vinyl Chloride(chloroethylene) |
| | 2903.22.00 | | Trichloroethylene |
| | 2903.23.00 | | Tetrachloroethylene |
| | 2903.29.00 | | Other |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| | 2903.30.00 | | Fluorinated, Brominated or Iodinated Derivatives of Acyclic Hydrocarbons |
| | | | Halogenated Derivatives of Acyclic Hydrocarbons Containing Two or more different Halogens; |
| | 2903.41.00 | | Trichlorofloromethane |
| | 2903.42.00 | | Dichlorofloromethane |
| | 2903.43.00 | | Trichlorofloroethanes |
| | 2903.44.00 | | Dichlorotetraethanes and Chloropenta Floroethane |
| | 2903.45.00 | | Other derivatives perhalogenated only with fluorine and chlorine |
| | 2903.46.00 | | Bromochlorodifluoromethane, Brmotrifluoromethane and Dibromotetrafluoroethane |
| | 2903.47.00 | | other perhalogenated derivatives |
| | 2903.49.00 | | Other |
| | | | Halogenated Derivatives of Cyclanic, Cyclenic or Cycloterpenic Hydrocarbons: |
| | 2903.51.00 | | 1,2,3,4,5,6-Hexachlorocyclohexane |
| | 2903.59.00 | | Other |
| | | | Halogenated Derivatives of Aromatic Hydrocarbons: |
| | 2903.61.00 | | Chlorobenzene,o and p-dichlorobenzene |
| | 2903.62.00 | | Hexachlorobenzene and DDT(1,1,1-trichloro-2,2-bis (p-chlorophenyl) ethane) |
| | 2903.69.00 | | Other |
| 29.04 | | Sulphonated, Nitrated or Nitrated Derivatives of Hydrocarbons | |
| | 2904.10.00 | | Sulphonated derivatives, their salts and ethyl esters |
| | 2904.20.00 | | Derivatives containing only nitroso groups |
| | 2904.90.00 | | Other |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| 29.05 | | Alcohols and their Halogenated, Sulphonated, Nitrated or Nitrosalted Derivatives | |
| | | | Acyclic Alcohol and their Halogenated, Sulphonated, Nitrated or Nitrosalted Derivatives |
| | | | Saturated |
| | 2905.11.00 | | Methyl alcohol(methanol) |
| | 2905.12.00 | | Propan-1-ol (propyl alcohol) and isopropyl alcohol(propan-2-ol) |
| | 2905.13.00 | | Butan-1-ol (n-butyl alcohol) |
| | 2905.14.00 | | Other butanols |
| | 2905.15.00 | | Pentanol (amyl alcohol) and isomers there of |
| | 2905.16.00 | | Octanol and Isomers there of |
| | 2905.17.00 | | Dodecan-1-ol, Hexadecan-1-ol (Cetyl Alcohol) and Octadecan-1- (Stearyl Alcohol) |
| | 2905.19.00 | | Other |
| | | | Unsaturated Monohydric Alcohols |
| | 2905.22.00 | | Acyclic terpene alcohols |
| | 2905.29.00 | | Other |
| | | | Diols |
| | 2905.31.00 | | Ethylene glycol(ethanediol) |
| | 2905.32.00 | | Propylene glycol(1,2-diol) |
| | 2905.39.00 | | Other |
| | | | Other polyhydric alcohols |
| | 2905.41.00 | | 2-ethyl-2(hydroxymethyl) propane-1,3-diol (trimethylolpropane) |
| | 2905.42.00 | | Pentaerythritol |
| | 2905.43.00 | | Mannitol |
| | 2905.44.00 | | D-glucitol (sorbitol) |
| | 2905.45.00 | | Glycerol |
| | 2905.49.00 | | Other |
| | 2905.50.00 | | Halogenated, Sulphanated, Nitrated or Nitrosalted Derivatives of Acyclic Alcohols |
| | 2905.15.00 | | |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|---|
| 29.06 | | Cyclic Alcohol and their Halogenated, Sulphonated, Nitrated or Nitrosalted Derivatives | |
| | | | Cyclanic or Cycloterpenic: |
| | 2906.11.00 | | Methanol |
| | 2906.12.00 | | Cyclohexanol, Methylcyclohexanols and Isomethylcyclohexanols |
| | 2906.13.00 | | Sterols and Inositols |
| | 2906.14.00 | | Terpinols |
| | 2906.19.00 | | Other |
| | | | Aromatic |
| | 2906.21.00 | | Benzyl Alcohol |
| | 2906.29.00 | | Other |
| 29.07 | | Phenols, Phenols Alcohol and their Halogenated Sulphonated, Nitrated or Nitrosalted Derivatives | |
| | | | Phenols-Phenol Alcohols |
| | 2907.11.00 | | Phenols, (Hydrobenzene) and its salts |
| | 2907.12.00 | | Cresols and their salts |
| | 2907.13.00 | | Octylphenols, Nonylphenols and their Isomers; Salts their of |
| | 2907.14.00 | | Xylenols and their salts |
| | 2907.15.00 | | Naphols and their salts |
| | 2907.19.00 | | Other |
| | | | Polyphenols: |
| | 2907.21.00 | | Resorcinals(resorcin), Hydroquinone and Pyrogallol and their salts |
| | 2907.22.00 | | Hydroquinone (quinol)and its salts |
| | 2907.23.00 | | 4,4-isopropylidenediphenol (bisphenol A, diphenolpropanane) and its salts |
| | 2907.29.00 | | Other |
| | 2907.30.00 | | Phenol alcohol |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|---|
| 29.08 | | Halogenated, Sulphonated, Nitrated or Nitrosated Derivatives of Phenols or Phenol - Alcohol: | |
| | 2908.10.00 | | Halogenated derivatives and their salts |
| | 2908.20.00 | | derivatives containing only sulpho groups, their salts and esters |
| | 2908.90.00 | | Other |
| 29.09 | | Ethers, Alcohol Peroxides, Ether Peroxides, Epoxide within a three or four member Ring, Acetals and Hemiacetals and their Halogenated Sulphonated, Nitrated or Nitrosated Derivatives | |
| | 2909.00.00 | | Ethers, Ether-Alcohols, Ether Alcohol-Phenols, Alcohol Peroxide and Ether Peroxides and their Halogenated, Sulphonated, Nitrated and nitrosated derivatives |
| | | | Acyclic Ethers and Halogenated, Sulphonated, Nitrated or Nitrosated derivatives |
| | 2909.11.00 | | diethyl ether |
| | 2909.19.00 | | Other |
| | 2909.20.00 | | cyclanic, cyclenic or cycloterpenic ethers and their halogenated, nitrated or nitrosated derivatives |
| | 2909.30.00 | | aromatic ethers and their halogenated, sulphonated, nitrated or nitrosated derivatives |
| | | | Ether-alcohols and their Halogenated, Sulphonated or Nitrated or Nitrosated derivatives |
| | 2909.41.00 | | 2,2'-oxydiethanol (diethyleneglycol, diglycol). |
| | 2909.42.00 | | Monomethyl Ethers of Ethylene Glycol or of Diethylene Glycol. |
| | 2909.43.00 | | Monobutyl Ethers of Ethylene Glycol or of Diethylene Glycol |
| | 2909.44.00 | | Other -monoalkyl-ethers of Ethylene Glycol or of Diethylene Glycol |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| | 2909.49.00 | | Other |
| | 2909.50.00 | | Ether-alcohols and their Halogenated, Sulphonated or Nitrated or Nitrosated derivatives |
| | 2909.60.00 | | Alcohol Peroxides, Ether Peroxides, Ketones Peroxides and their Halogenated, Sulphonated, Nitrated, or Nitrosated derivatives |
| 29.10 | | Epoxides, Epoxides Alcohols, Epoxiphenols and Epoxiethers, with three or Four Member Ring and their Halogenated, Sulphonated, Nitrated, or Nitrosated derivatives. | |
| | 2910.10.00 | | Ethylene Oxide |
| | 2910.20.00 | | Propylene Oxide |
| | 2910.30.00 | | Epichlorohydrin |
| | 2910.90.00 | | Other |
| 29.11 | | Acetals and Chemicetals and Single or Complex Oxygen Function Acetals and their Halogenated, Sulphonated, Nitrated or Nitrosated derivatives | |
| | 2911.00.00 | | Acetals and Chemicetals And Single or Complex Oxygen Function Acetals and their Halogenated, Sulphonated, Nitrated or Nitrosated Derivatives |
| 29.12 | | Aldehyde Function Compounds | |
| | | Aldehyde, Aldehyde-Alcohols, Aldehyde Ethers, Aldehyde Phenols and other Single or Complex Oxygen Function Aldehydes: Cyclic Polymers of Aldehyde: Paraformaldehyde: | |
| | 2912.11.00 | | Formaldehyde(methanal) |
| | 2912.12.00 | | Ethanal (acetaldehyde) |
| | 2912.13.00 | | Butanal (butylaldehyde, normal; isomer) |
| | 2912.19.00 | | Other |
| | | | Cyclic Aldehydes without other Oxygen Functions: |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|--|
| | 2912.21.00 | | Benzaldehyde |
| | 2912.29.00 | | Other |
| | 2912.30.00 | | Aldehyde – alcohols |
| | | | Aldehyde-ethers, Aldehyde-Phenols and Aldehydes with other oxygen functions |
| | 2912.41.00 | | Vanillin (4-hydroxy-3-methoxy-benzaldehyde) |
| | 2912.42.00 | | Ethyl vanillin (3 ethoxy-4-hydroxybenzaldehyde) |
| | 2912.49.00 | | Other |
| | 2912.50.00 | | Cyclic polymers of aldehydes |
| | 2912.60.00 | | Paraformaldehyde |
| 29.13 | | Halogenated, Sulphonated or Nitrosated, derivatives of products heading no 29.12 | |
| | 2913.00.00 | | Halogenated, Sulphonated Or Nitrosated, Derivatives of products heading no 29.12 |
| | | Ketone-Function compounds and quinone function compounds | |
| 29.14 | | Ketones and Quinones whether or not with other Oxygen functions and their Halogenated, Sulphonated, Nitrated or Nitrosated Derivatives | |
| | | | Acyclic Ketones without other Oxygen function: |
| | 2914.11.00 | | Acetone |
| | 2914.12.00 | | Butanone (methyl ethyl ketone) |
| | 2914.13.00 | | 4-methylpentan-2-one (methyl isobutyl ketone) |
| | 2914.19.00 | | Other |
| | | | Cyclanic, Cyclenic or Cycloterpenic Ketones without other Oxygen function: |
| | 2914.21.00 | | Camphor |
| | 2914.22.00 | | Cyclohexanone and methylcyclohexanones |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| | 2914.23.00 | | Ionones and methylionones |
| | 2914.29.00 | | Other |
| | | | Aromatic Ketones without other oxygen function |
| | 2914.31.00 | | Phenylacetone (phenylpropan-2-one) |
| | 2914.39.00 | | Other |
| | 2914.40.00 | | Ketone-alcohols and Ketone Aldehydes |
| | 2914.50.00 | | Ketone-phenols and Ketone with other Oxygen function |
| | | | Quinones: |
| | 2914.61.00 | | Anthraquinone |
| | 2914.69.00 | | Other |
| | 2914.70.00 | | Halogenated, Sulphonated, Nitrated or Nitrosated derivatives |
| 29.15 | | Carboxylic Acids, and their Anhydrides, Halides, Peroxides and Peracids, and their Halogenated Sulphonates, Nitrates or Nitrosated derivatives | |
| | | | Saturated Acyclic Monocarboxylic Acids and their Anhydrides, Halides, Peroxides and Peroxyacids; their Halogenated, Sulphonated, Nitrated or Nitrosated derivatives |
| | | | Formic acid, its salts and esters |
| | 2915.11.00 | | Formic Acid |
| | 2915.12.00 | | Salts of Formic Acid |
| | 2915.13.00 | | Esters of Formic Acid |
| | | | acetic acid, its salts and esters: |
| | 2915.21.00 | | Acetic Acid |
| | 2915.22.00 | | Sodium Acetate |
| | 2915.23.00 | | Cobalt Acetates |
| | 2915.24.00 | | Acetic Anhydride |
| | 2915.29.00 | | other |
| | | | Esters Of Acetic Acids |
| | 2915.31.00 | | Ethyl Acetate |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|--|
| | 2915.32.00 | | Vinyl Acetate |
| | 2915.33.00 | | N-Butyl Acetate |
| | 2915.34.00 | | Iso-Butyl Acetate |
| | 2915.35.00 | | 2-ethoxyethyl acetate |
| | 2915.39.00 | | Other |
| | 2915.40.00 | | Mono-di-or Trichloroacetate Acids, their salts and Esters |
| | 2915.50.00 | | Propionic Acids, its Salts and Esters |
| | 2915.60.00 | | Butyric Acids, valeric Acids, their Salts and Esters |
| | 2915.70.00 | | Palmitic Acid, Steric Acids, their Salts and Esters |
| | 2915.90.00 | | Other |
| 29.16 | | Unsaturated Acyclic Monocarboxylic Acids and their Anhydrides, Halides and Peroxides and Peroxyacids; their Halogenated, Sulphonated, Nitrosated Derivatives. | |
| | 2916.11.00 | | Acrylic Acids and its salts |
| | 2916.12.00 | | Esters of Acrylic Acids |
| | 2916.13.00 | | Methacrylic Acids and its Salts |
| | 2916.14.00 | | Esters of Methacrylic Acid |
| | 2916.15.00 | | Methacrylic Acids and its Salts |
| | 2916.19.00 | | Other |
| | 2916.20.00 | | Cyclanic, Cyclenic or Cycloternic Monocarboxylic Acids, Their Anhydrides, Halides, Peroxides, Peroxyacids and their derivatives |
| | | | Aromatic Monocarboxylic Acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives |
| | 2916.31.00 | | Benzoic Acids, its Salts and Esters |
| | 2916.32.00 | | Benzoyl Peroxide and Benzoyl Chloride |
| | 2916.34.00 | | Phenylacetic Acids and its Salts |
| | 2916.35.00 | | Esters of Phenyl Acetate Acids |
| | 2916.39.00 | | Other |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| 29.17 | | Polycarboxylic Acids and their Anhydrides, Halides Peroxides and Peracids, and their Halogenated Sulphonated, Nitrated or Nitrosated Derivatives: | |
| | | | Acyclic Polycarboxylic Acids their Anhydrides, Halides, Peroxides and their derivatives |
| | 2917.11.00 | | Oxalic Acids, its Salts and Esters |
| | 2917.12.00 | | Adipic, its Salts and Esters |
| | 2917.13.00 | | Azelaic Macids, Sebacic Acids, their Salts and Derivatives |
| | 2917.14.00 | | Maleic Anhydride |
| | 2917.19.00 | | Other |
| | 2917.20.00 | | Cyclanic, Cyclenicor Cycloterpenic Polycarboxylic Acids their Anhydrides, Halides, Peroxides and Their Derivatives: |
| | | | Aromatic Carboxylic Acids, their Anhydrides, Halides, Peroxides, Peroxyacids and their Deivatives; |
| | 2917.31.00 | | Dibutyl Orthophthalates |
| | 2917.32.00 | | Diocetyl Orthophthalates |
| | 2917.33.00 | | Dinonyl or Didecyl Orthophthalates |
| | 2917.34.00 | | Other Esters of Orthophthalic Acids |
| | 2917.35.00 | | Phthalic Anhydride |
| | 2917.36.00 | | Terephthalic Acids and its Salts |
| | 2917.37.00 | | Dimethyl Terephthalate |
| | 2917.39.00 | | Other |
| 29.18 | | Carboxylic Acids with additional Oxygen Function and Their Anhydrides, Halides, Peroxides and their Halogenated Sulphonates, Nitrates or Nitrosated Derivatives | |
| | | | Carboxylic Acids With Alcohol function but without other Oxygen function, their Anhydrides, Halides, Peroxides, Peroxyacids and their derivatives: |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| | 2918.11.00 | | Lactic Acid and its Salts |
| | 2918.12.00 | | Tartaric Acid |
| | 2918.13.00 | | Salts And Esters of Tartaric Acid |
| | 2918.14.00 | | Citric Acid |
| | 2918.15.00 | | Salts and Esters of Citric Acid |
| | 2918.16.00 | | Gluconic Acid, Its Salts and Esters |
| | 2918.17.00 | | Phenylglycolic Acid (Mandelic Acids), its Salts and Esters |
| | 2918.19.00 | | Other |
| | | | Carboxylic Acids with Phenol but without other Oxygen function, their Anhydrides, Halides, Peroxides and their Halogenated Sulphonates, Nitrates or Nitrosated Derivatives |
| | 2918.21.00 | | Salicylic Acid and its Salts |
| | 2918.22.00 | | Acetylsalicylic Acid; its Salts and Esters |
| | 2918.23.00 | | Other Esters of Salicylic Acid and their Salts |
| | 2918.29.00 | | Other |
| | 2918.30.00 | | Carboxylic Acids with Aldehyde and Ketones Function but without other Oxygen function; their Anhydrides, Halides, Peroxides, Peroxy Acids and their Derivatives. |
| | 2918.90.00 | | Other |
| 29.19 | | Esters of Inorganic Acids, their Salts and their Halogenated, Sulphonated, Nitrated or Nitrosated Derivatives. | |
| | | Phosphoric Esters and their Salts, including Lactophosphates, and their Halogenated, Sulphonated, Nitrated or Nitrosated Derivatives: | |
| | 2919.00.00 | | Phosphoric Esters and their Salts, including Lactophosphates, and their Halogenated, Sulphonated, Nitrated or Nitrosated Derivatives: |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| 29.20 | | Esters of other Inorganic Acids (Excluding Esters of Hydrogen Halides) and their Salts; their Halogenated, Sulphonated, Nitrated or Nitrosated Derivatives | |
| | 2920.10.00 | | Thiophosphoric Esters (Phosphorothioates) and their Salts; their Halogenated, Sulphonated, Nitrated or Nitrosated Derivatives |
| | 2920.90.00 | | Other |
| 29.21 | | Nitrogen Function Compounds | |
| | | Amine function compounds | |
| | | | Acyclic Monoamines and their Derivatives |
| | 2921.11.00 | | Methylamine, di- or Trimethyl Amine and their Salts |
| | 2921.12.00 | | Diethyl Amine and its Salts |
| | 2921.19.00 | | Other |
| | | | Acyclic Polyamine and their derivatives; salts there of: |
| | 2921.21.00 | | Ethylenediamine and its Salts |
| | 2921.22.00 | | Hexamethylenediamine and its salts |
| | 2921.29.00 | | Other |
| | 2921.30.00 | | Cyclanic, Cyclenic or Cycloterpenic Mono-poly Amines, and their derivatives; salts there of |
| | 2921.41.00 | | Aniline, and its salts |
| | 2921.42.00 | | Aniline Derivatives and their salts |
| | 2921.43.00 | | Toluidine and their derivatives; salts there of |
| | 2921.44.00 | | Diphenyl Amine and its derivatives; salts there of |
| | 2921.45.00 | | 1-Naphylamine (Alpha Naphylamine), 2-Naphylamine (Beta Naphylamine), and their deivatives and salts of |
| | 2921.49.00 | | Other |
| | | | Aromatic Polyamines |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|---|
| | 2921.51.00 | | O,m,p-phenylenediamine, Diamine Toluene and there derivatives; salts there of |
| | 2921.59.00 | | Other |
| 29.22 | | Oxygen function Amino- compounds: | |
| | 2922.11.00 | | Monoethanolamine and its salts |
| | 2922.12.00 | | Diethanolamine and its salts |
| | 2922.13.00 | | Triethanolamine and its salts |
| | 2922.19.00 | | Other |
| | | | Amino-Naphthols and Other Amino Phynols, their Ethers and Esters, other than those containing more than one kind of oxygen function; salts thereof: |
| | 2922.21.00 | | Amionohydroxyna- Phalenesulphonic Acids and their salts |
| | 2922.22.00 | | Anisidines,Disidines,Phenetidines and their salts |
| | 2922.29.00 | | Other |
| | 2922.30.00 | | Amino-Aldehydes, Amino- Ketones and Amino Quinones other than those containing one kind of Oxygen function; salts thereof |
| | | | Amino-acids and their esters, than those containing more than one kind of Oxygen function; salts thereof; |
| | 2922.41.00 | | Lysin And Its Esters; thereof |
| | 2922.42.00 | | Glutamic Acids and its salts |
| | 2922.43.00 | | Anthranilic Acid and its salts |
| | 2922.49.00 | | Other |
| | 2922.50.00 | | Amino Alcohol, Phenol, Amino Acids Phenols, and other Amino compound with oxygen function |
| 29.23 | | Quatenary Ammonium Salts and Hydrixidew, Lecithins and other Phosphoaminolipids | |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| | 2923.10.00 | | Choline and its salts |
| | 2923.20.00 | | Lecithins and Phosphoaminolipids |
| | 2923.90.00 | | Other |
| 29.24 | | Carboxyamide-function Compounds and Amide function Compounds of Carbonic Acids | |
| | 2924.10.00 | | Acyclic Amides (Including Acyclic Carbonates) and their Derivatives: Salts thereof |
| | | | Cyclic Amides (Including Cyclic Carbamates) and their derivatives Salts Thereof |
| | 2924.21.00 | | Ureines and their derivatives; Salts thereof |
| | 2924.22.00 | | 2-Acetamidobenzoic Acid |
| | 2924.29.00 | | Other |
| 29.25 | | Carboxyamide-function compounds (including Saccharine and its salts) and amine function compound | |
| | 2925.11.00 | | Saccharin and its Alkline salts |
| | 2925.19.00 | | Other |
| | 2925.20.00 | | Amines and their derivatives salts thereof |
| 29.26 | | Nitrile function compounds | |
| | 2926.10.00 | | Acrylonitrile |
| | 2926.20.00 | | 1-cyanoguanidine (Dicyandiamide) |
| | 2926.90.00 | | Other |
| 29.27 | | Diazo-, azo-azoxy-compounds | |
| | 2927.00.00 | | Diazo-, Azo-azoxy-compounds |
| 29.28 | | Organic derivatives of Hydrazine or of Hydroxylamine | |
| | 2928.00.00 | | Organic derivatives of Hydrazine or of Hydroxylamine |
| 29.29 | | Compounds with other Nitrogen functions: | |
| | 2929.10.00 | | Isocyanates |
| | 2929.90.00 | | Other |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| 29.30 | | X-organo-inorganic compounds and hetrocyclic compounds, Nucleic acids and their salts, and Sulphonamides | |
| | | Organo Sulphur compounds: | |
| | 2930.10.00 | | Sodium and Potassium Xanthates |
| | 2930.20.00 | | Thiocarbanilide (Diphenylthiourea) other |
| | 2930.30.00 | | Thioram mono,di or Tetrasuphides |
| | 2930.40.00 | | Methionine |
| | 2930.90.00 | | Other |
| 29.31 | | Other organo-inorganic compounds | |
| | 2931.00.00 | | Other organo -inorganic compounds |
| 29.32 | | Heterocyclic compounds with Oxygen Heteroatom(s) | |
| | | | Compounds containing an unfused Furan ring (whether or not hydrogenated) in the structure |
| | 2932.11.00 | | Tetrahydrofuran |
| | 2932.12.00 | | 2-furaldehyde (Furfuraldehyde) |
| | 2932.13.00 | | Furfural Alcohol and Tetrahydrofural Alcohol |
| | 2932.19.00 | | Other |
| | | | lactose: |
| | 2932.21.00 | | Coumarin,Methylcoumarins and Ethylcoumarins |
| | 2932.29.00 | | other Lactose |
| | | | Other |
| | 2932.91.00 | | Isosafrole |
| | 2932.92.00 | | 1-(1,3-benzodioxol-5-yl) propan-2-one |
| | 2932.93.00 | | Piperonal |
| | 2932.94.00 | | Safrole |
| | 2932.99.00 | | Other |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|---|
| 29.33 | | Heterocyclic compounds with Nitrogen Heteroatom(s) only | |
| | | | compounds containing an unfused Pyrazole ring (whether or not hydrogenated) in the structure: |
| | 2933.11.00 | | Phenazone (Antipyrin) and its derivatives |
| | 2933.19.00 | | Other |
| | | | compounds containing an unfused Imidazole ring (whether or not hydrogenated) in the structure: |
| | 2933.21.00 | | Hydantoin and its derivatives |
| | 2933.29.00 | | Other |
| | | | compounds containing an unfused Pyridine ring (whether or not Hydrogenated) in the structure: |
| | 2933.31.00 | | Pyridine and its salts |
| | 2933.32.00 | | Piperidine and its salts |
| | 2933.39.00 | | Other |
| | 2933.40.00 | | compounds containing a quinoline or isoquinoline ring (whether or not hydrogenated) not further fused: |
| | | | compounds containing a Pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure: |
| | 2933.51.00 | | Maloylurea (Barbituric) and its derivatives; salts thereof |
| | 2933.59.00 | | Other |
| | | | Compounds containing an unfused Triazine ring (whether or not Hydrogenated) in the structure: |
| | 2933.61.00 | | Melamine |
| | 2933.69.00 | | Other |
| | | | Lactams: |
| | 2933.71.00 | | 6-hexanelactam (epsilon-carprolact-am) |
| | 2933.79.00 | | other Lactams |
| | 2933.90.00 | | Other |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|--|
| 29.34 | | Nucleic acids and their salts; other Heterocyclic compounds | |
| | 2934.10.00 | | Compounds containing an unfused Thiazole ring (whether or not hydrogenated) in the structure: |
| | 2934.20.00 | | compounds containing a Benzothiazole ring-system (whether or not Hydrogenated) not further fused |
| | 2934.30.00 | | compounds containing a Phenothiazine ring system Pyridine ring (whether or not hydrogenated), not further fused |
| | 2934.90.00 | | Other |
| 29.35 | | Sulphonamides | |
| | 2935.00.00 | | Sulphonamides |
| 31.02 | | Mineral or Chemical Fertilizers, Nitrogenous: | |
| | | Nitrogenous: | |
| | 3102.10.00 | | Urea, whether or not in aqueous solution |
| | | | Ammonium Sulphate; double salts and mixtures of Ammonium Sulphate and Ammonium Nitrate: |
| | | | Ammonium sulphate and ammonium nitrate: |
| | 3102.21.00 | | Ammonium sulphate |
| | 3102.29.00 | | Other |
| | 3102.30.00 | | Ammonium nitrate, whether or not in aqueous solution |
| | | | Solution |
| | 3102.40.00 | | Mixtures of ammonium nitrate with calcium |
| | | | carbonate or other inorganic non- fertilizing |
| | | | Substances |
| | 3102.50.00 | | Sodium nitrate |
| | 3102.60.00 | | Double salts and mixtures of calcium nitrate and |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| | | | ammonium nitrate |
| | 3102.80.00 | | Mixtures of urea and ammonium nitrate in aqueous |
| | | | or ammoniacal solution |
| | 3102.90.00 | | Other, including mixtures not specified in the |
| | | | foregoing subheadings |
| 31.03 | | Mineral or Chemical Fertilizers, Phosphatic: | |
| | 3103.10.00 | | Superphosphates |
| | 3103.90.00 | | Other |
| 31.04 | | Mineral or Chemical Fertilizers, Potassic: | |
| | 3104.20.00 | | Potassium Chloride |
| | 3104.30.00 | | Potassium Sulphate |
| | 3104.90.00 | | Other |
| 32.01 | | Tanning extracts of vegetable origin; tannins (tannic acidic), including water- extracted gallnut tannin, and their salts, ethers, esters and other derivatives: | |
| | | | Tanning extracts of vegetable origin; Tannins (tannic acidic), including water- extracted gallnut Tannin, and their salts, Ethers, Esters and other derivatives: |
| | 3201.10.00 | | Quebracho |
| | 3201.20.00 | | Wattle extract |
| | 3201.90.00 | | Other |
| 32.02 | | Synthetic Organic tanning substances, and inorganic Tanning substances; turning preparation, whether or not it containing natural tanning materials; enzymatic preparation for pretanning (for example, of enzymatic, pancreatic or bacterial origin) | |
| | 3202.10.00 | | Synthetic organic turning substances containing not more than 20% of ash calculated on the weight of anhydrous products in the dry state |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| | 3202.90.00 | | Other |
| 32.03 | | Colouring matter of vegetable or animal origin (including dyeing extracts but excluding animal black), whether or not chemical defined. | |
| | 3203.00.00 | | Colouring matter of vegetable or animal origin (including dyeing extracts but excluding animal black), whether or not chemical defined. |
| 32.06 | | Synthetic organic dyestuffs (including pigment dyestuffs); product of the kind used as luminophores; products of the kind known as optical bleaching agents, substantive to the fibre: natural indigo. | |
| | | | Pigments and preparations based on Titanium Dioxide |
| | 3206.11.00 | | containing 80% or more by weight of Titanium Dioxide calculated on the dry weight |
| | 3206.19.00 | | Other |
| | 3206.20.00 | | Pigments and preparations based on Chromium compounds |
| | 3206.30.00 | | Pigments and preparations based on Cadmium compounds |
| | | | other colouring matter and other preparations: |
| | 3206.41.00 | | Ultramarine and preparations based Theorem |
| | 3206.42.00 | | Lithopone and other pigments and preparations based on Zinc Sulphide |
| | 3206.43.00 | | Pigments and preparations based on Hexacyanoferrate (Ferrocyanides and Ferricyanides) |
| | 3206.49.00 | | Other |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|--|
| 32.07 | | Prepared pigments, prepared opacifiers and prepared colours, vitrifiable enamels and glazes, liquid lustrs and similar products, of the kind used in the ceramic enamelling and glass industries; engobes (slips); glass frit and otherglass, in the form of powder, granules or flakes: | |
| | 3207.10.00 | | Prepared pigments, prepared opacifiers and prepared colours |
| | 3207.20.00 | | vitrifiable enamels and glazes, engobes (slips) and similar preparations |
| | | | liquid lustrs and similar preparations |
| | | | glass frit and other glass, in the form of powder, granules and flakes |
| 32.08 | | Varnishes and lacquers; distempers; prepared water pigments of the kind used for finishing leather; paints and enamels; pigments in linseed oil, white spirit, spirits of turpentine, varnishor other paint or enamel media; | |
| | 3208.10.00 | | based on Polysters |
| | 3208.20.00 | | based on Acrylic or Vinyl Polysaters |
| | | | Other |
| | 3208.90.00 | | Laquer vanish |
| | 3208.90.90 | | Other |
| 32.09 | | Paints and vanishes (including enamels and laquers) based on synthetic polymers or chemically modified natural polymers, dispersed or dissolved in acqueous medium | |
| | 3209.10.00 | | Based on Acrylic or Vinyl polymers |
| | 3209.90.00 | | Other |
| 32.10 | | Other paints and varnishes (including enamels, lacquers and distempers); prepared water pigments of a kind used for finishing leather | |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| | 3210.10.00 | | Water pigments of kind used for finishing leather |
| | 3210.90.00 | | Other |
| 32.11 | | Prepared driers | |
| | 3211.00.00 | | Prepared driers |
| 32.12 | | Pigments (including metallic powders and flakes) dispersed in non-aqueous media, in liquid or pasteform, of a kind used in the manufacture of paints (including enamels); stamping foils; dyes and other colouring matter put up in forms or packing for retail sale | |
| | 3212.10.00 | | Stamping foils |
| | 3212.90.00 | | Other |
| 32.13 | | Artists' students' and signboard painters' colours modifying tints, amusement colours and the like, in tablets, tubes, jars, bottlers, pans or in similar forms or packings. | |
| | 3213.10.00 | | Colours in sets |
| | 3213.90.00 | | Other |
| 32.14 | | Glaziers' putty; grafting putty, resin cements, caulking compound and other mastics; painters filling; non-refractory surfing preparations for facades, indoor walls, floor, ceilings or the like | |
| | 3214.10.00 | | Glaziers' putty; grafting putty, resin cements, caulking compounds and other mastics; painters fillings |
| | 3214.90.00 | | Other |
| 32.15 | | Printing ink, writing or drawing ink and other inks, whether or not concentrated or solid | |
| | | | Printing ink |
| | 3215.11.00 | | Black |
| | 3215.19.00 | | Other printing ink |
| | 3215.90.00 | | Other |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| | | Organic Surface-Active Agents (Other Than Soap); Surface-Active Preparations, Washing Preparations (Including Auxiliary Washing Preparations) and Cleaning Preparations, Whether or not Containing Soap | |
| 34.02 | | Surface-Active Preparations, | |
| | | Washing Preparations | |
| | | | Organic surface-active agents |
| | 3402.11.00 | | Anionic |
| | 3402.12.00 | | Cationic |
| | 3402.13.00 | | Non-ionic |
| | 3402.19.00 | | Other |
| | 3402.20.00 | | Preparations put up for retail sale |
| | 3402.90.00 | | Other |
| | | Lubricating preparations (including cutting-oil preparations, bolt or nut release preparations, anti-rust or anti-corrosion preparations and mould release preparations, based on lubricants) and preparations of a kind used for the oil or grease treatment of textile materials, leather, furskins or other materials, but excluding preparations containing, as basic constituents, 70% or more by weight of petroleum oils or of oils obtained from bituminous minerals: | |
| 34.03 | | | Containing petroleum oils or oils obtained from bituminous minerals |
| | 3403.11.10 | | In solid or semi-solid form |
| | 3403.11.90 | | Other |
| | | | Other: |
| | 3403.19.10 | | In solid or semi-solid form |
| | 3403.19.90 | | Other |
| | | | Preparations for the treatment of textile materials, leather, furskins or other materials: |
| | 3403.91.10 | | In solid or semi-solid form |
| | 3403.91.90 | | Other |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|---|
| | | | Other: |
| | 3403.99.10 | | In solid or semi-solid form |
| | 3403.99.90 | | Other |
| 34.04 | | Artificial Waxes and Prepared Waxes: | |
| | 3404.11.00 | | Of chemically modified lignite |
| | 3404.20.00 | | Of poly (oxyethylene) (polyethylene glycol) |
| | 3404.90.00 | | Other |
| 34.05 | | Polishes and creams, for footwear, furniture, floors, coachwork, glass or metal, scouring pastes and powders and similar preparations | |
| | 3405.10.00 | | Polishes, creams and similar preparations for footwear or leather |
| | 3405.20.00 | | Polishes, creams and similar preparations for the maintenance of wooden furniture, floors or other woodwork |
| | 3405.30.00 | | Polishes and similar preparations for coachwork, other than metal polishes |
| | 3405.40.00 | | Scouring pastes and powders and other scouring preparations |
| | 3405.90.00 | | Other |
| 36.01 | | Propellent powders | |
| | 3601.00.00 | | Propellent powders |
| 36.02 | | Prepared explosives, other than propellent powders. | |
| | 3602.00.00 | | Prepared explosives, other than propellent powders. |
| 36.03 | | Safety fuses; detonating fuses; percussion or donating caps; igniters; electric detonators | |
| | 3603.00.00 | | Safety fuses; detonating fuses; percussion or donating caps; igniters; electric detonators |
| 36.04 | | Fireworks, signaling flares, rain rockets, fog signals and other pyrotechnic articles | |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|--|
| | 3604.10.00 | | Fireworks |
| | 3604.90.00 | | Other |
| 36.06 | | Ferro-cerium and other Pyrophoric alloys in all forms; articles of combustible materials as specified. | |
| | 3606.10.00 | | Liquid or liquefied-gas fuels in containers of a kind used for filling or refilling cigarette or similar lighters and of a capacity not exceeding 300 cm ³ |
| | 3606.90.00 | | Other |
| 38.01 | | Artificial Graphite; colloidal or semi-colloidal Graphite; preparations based on Graphite or other Carbon in the form of pastes, blocks plates or other semi manufactures | |
| | 3801.10.00 | | Artificial graphite |
| | 3801.20.00 | | Colloidal or semi colloidal graphite |
| | 3801.30.00 | | Carbonaceous pastes for electrodes and similar pastes for furnance linings |
| | 3801.90.00 | | Other |
| 38.02 | | Activated Carbon; activated natural mineral products animal black including spent animal black | |
| | 3802.10.00 | | Activated carbon |
| | 3802.90.00 | | Others |
| 38.03 | | Tall oil pitch, whether or not refined | |
| | 3803.00.00 | | Tall oil, whether or not refined |
| 38.04 | | Residual lyes from the manufacture of wood pulp whether or not concentrated, desgared or chemically treated, including lignin sulphonate but excluding tall of heading No.38.03 | |
| | 3804.00.00 | | Residual lyes from the manufacture of wood pulp whether or not concentrated, desgared or chemically treated, including lignin sulphonate but excluding tall of heading No.38.03 |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|--------------|--|--|
| 38.05 | | Gum, wood or Sulphate Turpentine and other Terpernic oil produced by distillation or other treatment of corniferous wood; crude dipentene; Sulphide Turpentine and other crude paracymene; pine oil containing Alpha-terpined as the main constituent | |
| | 3805.10.00 | | gum, wood or sulphate turpentine oils |
| | 3805.20.00 | | pine oils |
| | 3805.90.00 | | Other |
| 38.06 | | Rosin and resin acids, and derivatives thereof; rosin spirits; run gums | |
| | 3806.10.00 | | Rosin and Resin acids. |
| | 3806.20.00 | | Salts of Rosin, of Resin acids, or derivatives of rosin or resin acids, other than salts of rosin adducts |
| | 3806.30.00 | | Ester gums |
| | 3806.90.00 | | Other |
| 38.07 | | Wood tar; wood tar oils; wood creasote; wood napha; vegetable pitch; brewers pitch and similar preparations based on rosin, resin acids or on vegetable pitch | |
| | 3807.00.00 | | Wood tar; wood tar oils; wood creasote; wood napha; vegetable pitch; brewers pitch and similar preparations based on rosin, resin acids or on vegetable pitch |
| 38.10 | | Pickling preparations for metal surfaces; fluxes and other auxiliary surfaces; fluxes and other auxiliary preparations for metal surfaces; preparations for soldering brazing or welding; soldering, brazing or consisting of metal and other used as cores or coatings for welding rods and electrodes; | |
| | 3810.10.00 | | Pickling preparations for metals surfaces; fluxes and other auxillary preparations for soldering, brazing or welding powders and pastes consisting of metals and other materials |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| | 3810.90.00 | | Other |
| 38.11 | | Anti-knock preparations, oxidation inhibitors, gum inhibitors, viscosity improvers, anti-corrosive preparations and similar prepared additives for mineral oil: | |
| | | | Anti-knock preparations |
| | 3811.11.00 | | Based on lead compounds |
| | 3811.19.00 | | Other |
| | | | Additives for lubricating oil: |
| | 3811.21.00 | | Containing petroleum oil or oil containing bituminous minerals |
| | 3811.29.00 | | Other |
| | 3811.90.00 | | Other |
| 38.12 | | Prepared rubber accelerators; compound plasticizers for rubber or plastics, not elsewhere specified or included; antioxidantizing preparations and other stabilizers for rubber or plastics. | |
| | 3812.10.00 | | Prepared rubber accelerators |
| | 3812.20.00 | | Compound plasticizers for rubber or plastics |
| | 3812.30.00 | | Antioxidizing preparations and other stabilizers for rubber or plastics. |
| 38.13 | | Preparation and charges for fire extinguishers; charged fire extinguishing grenades | |
| | 3813.00.00 | | preparation and charges for fire extinguishers; charged fire extinguishing grenades |
| 38.14 | | Organic composite solvents and thinners not elsewhere specified or included; prepared paint or varnish removers | |
| | 3814.00.00 | | organic composite solvents and thinners not elsewhere specified or included; prepared paint or varnish removers |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| 38.15 | | Reaction initiators, reaction accelerators and catalytic preparations not elsewhere specified or included | |
| | | | Supported catalysts |
| | 3815.11.00 | | With nickel or nickel compounds as the active substance |
| | 3815.12.00 | | With precious metal or precious metal compounds as the active substance |
| | 3815.19.00 | | Other |
| | 3815.90.00 | | Other |
| 38.17 | | Mixed Alkybenzene and Mixed Alkyl naphthalenes, and other than those of heading No. 27.07 and 29.02 | |
| | 3817.10.00 | | Mixed Alkylbenzenes |
| | 3817.20.00 | | Mixed Alkyl naphthalenes |
| 38.19 | 3819.00.00 | Hydraulic brake fluid and other prepared liquid for hydraulic transmission, not containing or containing less than 70% by weight of petroleum oils or oils obtained from bituminous minerals | |
| 38.20 | 3820.00.00 | Ant-freezing preparations and prepared de-icing fluid | |
| 38.23 | | Industrial Monocarboxylic Fatty acid; acid oils from refining; industrial fatty alcohols | |
| | | | Industrial Monocarboxylic Fatty Acid; acid oils from refining |
| | 3823.11.00 | | Stearic acid |
| | 3823.12.00 | | Oleic acid |
| | 3823.13.00 | | Tallow fatty acid |
| | 3823.19.00 | | Others |
| | 3823.70.00 | | Industrial fatty acids. |
| 39.01 | | Polymers in primary forms | |
| | 3901.00.00 | | Artificial materials in primary form including cellulose esters and cellulose ethers. |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|---|--|
| 39.01 | | Polymerization and Copolymerisation products such as Polyethylene. | |
| | 3901.10.00 | | Polyethylene with specific gravity of less than 0.94 |
| | 3901.20.00 | | Polyethylene with specific gravity of 0.94 or more |
| | 3901.30.00 | | Ethylene vinyl acetate copolymers |
| | 3901.90.00 | | Other |
| 39.02 | | Polymers of propylene or of other Olefins, in primary forms | |
| | 3902.10.00 | Polypropylene | Propylene resins |
| | 3902.20.00 | | Polyisobutyle |
| | 3902.90.00 | | Other |
| 39.03 | | Polymers of styrene, in primary forms | |
| | | Polystyrene | |
| | 3903.11.00 | | Expansible |
| | 3903.19.00 | | Other |
| | 3903.20.00 | | Styrene-acrylonitrile (SAN) copolymers |
| | 3903.30.00 | | Acrylonitrile-butadiene-styrene (ABS) copolymer |
| | 3903.90.00 | | Other |
| 39.04 | | polymers of vinyl chloride or other halogenated olefins, in primary forms | |
| | 3904.10.00 | | Polyvinyl Chloride or of other Halogenated Olefins, in primary forms |
| | | other Polyvinyl chloride | |
| | 3904.21.00 | | Non plasticized |
| | 3904.22.00 | | Plastised |
| | 3904.30.00 | | Vinyl Chloride-vinyl Acetate Copolymers |
| | 3904.40.00 | | Other vinyl chloride copolymers |
| | 3904.50.00 | Vinylidene chlorise polymers | |
| | | Fluoropolymers | |
| | 3904.61.00 | | Polytetrafluoroethylene |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|-----------------|--|---|
| | 3904.69.00 | | Other |
| | 3904.90.00 | | Other vinyl chloride copolymers |
| 39.05 | | Polymers of vinylacetate or of other vinyl esters in primary forms; other vinyl polymers in primary forms | |
| | | Polyvinyl acetate | |
| | 3905.12.00 | | In aqueous dispersion |
| | 3905.19.00 | | Other |
| | | Vinyl acetate polymers | |
| | 3905.21.00 | | In aqueous dispersion |
| | 3905.29.00 | | Others |
| | 3905.30.00 | | Polyvinyl alcohol whether or not containing anhydrolysed acetate groups |
| | | Others | |
| | 3905.91 | | Copolymers |
| | 3905.00.00 | | Others |
| 39.06 | | Acrylic polymer in primary form | |
| | 3906.10.00 | | Polymethylmethacrylate |
| | 3906.90.00 | | Others |
| 39.07 | | Polyacetals, other polyethers and epoxide resin, primary forms; polycarbonates, alkyd resins, polyallyl esters and other polyesters, in primary forms. | |
| | 3907.10.00 | | Polyacetals |
| | 3907.20.00 | | Other polyethers |
| | 3907.30.00 | | Epoxide resin |
| | 3907.40.00 | | Polycarbonates |
| | 3907.50.00 | | Alkyd resins |
| | 3907.60.00 | | Polyethylene terephthalate |
| | | Other Polyesters | |
| | 3907.91.00 | Unsaturated | |
| | 3907.99.00 | Others | |
| 39.08 | | Polyamides in primary forms | |
| | 3908.10.00 | | Polymide-6,-11,-12,-6,6,10, or -6,12 |
| | 3908.9.00 | | Others |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|--------------|---|--|
| 39.09 | | Amino-resins, Phenolic resins and Polyurethanes, in primary forms. | |
| | 3909.10.00 | | Urea Resins, Thiourea Resins |
| | 3909.20.00 | | Melamine Resins |
| | 3909.30.00 | | Other Amino-resins |
| | 3909.40.00 | | Phenolic Resins |
| | 3909.50.00 | | Polyurethanes |
| 39.10 | | Silicones in primary forms | |
| | 3910.00.00 | | Silicones in Primary Forms |
| 39.11 | | Petroleum resins; Coumarone-indene resins Polyterpenes, Polysulfides, Polysulfones and other products specified in note 3 to this chapter, not elsewhere specified or included, in primary forms: | |
| | 3911.10.00 | | Petroleum Resins, Coumarone, Indene, Coumarone-indene Resins, Polyterpenes |
| | 3911.90.00 | | Polysulfides, Polysulfones, Furan Resin, Resols, Other Prepolymers |
| 39.12 | | Cellulose and its chemical derivatives, not elsewhere specified or included, in primary forms: | |
| | | Cellulose acetates: | |
| | 3912.11.00 | | Cellulose Acetates (Non-plasticised) |
| | 3912.12.00 | | Cellulose Acetates (Plasticised) |
| | 3912.20.00 | | Cellulose Nitrates (Including Collodions) |
| | | Others | |
| | 3912.31.00 | | Carboxymethyl Cellulose and Its Salts |
| | 3912.39.00 | | Other Cellulose Ethers |
| | 3912.90.00 | | Other Cellulose and Its Chemical Derivatives |
| 39.13 | | Natural polymers (for example, alginic acid) and modified natural polymers (for example, hardened proteins, chemical derivatives of natural rubber), not elsewhere specified or included, in primary forms: | |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|--------------|---|---|
| | 3913.10.00 | | Alginic acid, its salts and Esters |
| | 3913.90.00 | | Other: |
| 39.14 | 3914.00.00 | Ion-exchangers based on polymers of headings 3901 to 3913, in primary forms | |
| 40.02 | | Synthetic rubber and factice derived from oils, in primary forms or in | |
| | | plates, sheets or strip; mixtures of any product of heading No. 40.01 | |
| | | with any product of this heading, in primary forms or in plates, sheets | |
| | | or strip. | |
| | | – | |
| | | Styrene-butadiene rubber (SBR); carboxylated styrene-butadiene rubber (XSBR): | |
| | 4002.11.00 | – | Latex |
| | 4002.19.00 | – | Other |
| | 4002.20.00 | – | Butadiene rubber (BR) |
| | | Isobutene-isoprene (butyl) rubber (IIR); halo-isobutene-isoprene rubber (CIIR or BIIR): | |
| | 4002.31.00 | – | Isobutene-isoprene (butyl) rubber (IIR) |
| | 4002.39.00 | – | Other |
| | | Chloroprene (chlorobutadiene) rubber (CR): | |
| | 4002.41.00 | – | Latex |
| | 4002.49.00 | – | Other |
| | | Acrylonitrile-butadiene rubber (NBR): | |
| | 4002.51.00 | – | Latex |
| | 4002.59.00 | – | Other |
| | 4002.60.00 | – | Isoprene rubber (IR) |
| | 4002.70.00 | – | Ethylene-propylene non-conjugated diene rubber (EPDM) |
| | 4002.80.00 | – | Mixtures of any product of heading No. 40.01 with any product of this |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS |
|---------|--------------|--|---|
| | | | Heading |
| | | Other: | |
| | 4002.91.00 | – | Latex |
| | 4002.99.00 | – | Other |
| 40.05 | | Compounded rubber, unvulcanised, in primary forms or in plates, sheets or strip. | |
| | 4005.10.00 | – | Compounded with carbon black or silica: |
| | 4005.20.00 | – | Solutions; dispersions other than those of subheading 4005.10 |

Table 2.0 THRESHOLD QUANTITIES FOR NON-HAZARDOUS CHEMICALS

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS | MAXIMUM QUANTITY IMPORTED | MAXIMUM QUANTITY LOCALLY PURCHASED |
|---------|--------------|--|----------------------|---------------------------|------------------------------------|
| 25.20 | | Gypsum; anhydrite; plasters (consisting of calcined gypsum or calcium sulphate) whether or not coloured, with or without small quantities of accelerators or retarders | | | |
| | 25.20.10.00 | | Gypsum anhydrite | 150 KG | 250 KG |
| | 25.20.20.00 | | Plasters | 150 KG | 250 KG |
| 25.23 | | Portland cement | | | |
| | 2523.21.00 | White cement | | 1 MT | 2 MT |
| | 2523.29.00 | Other cement | | 5 MT | 10 MT |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS | MAXIMUM QUANTITY IMPORTED | MAXIMUM QUANTITY LOCALLY PURCHASED |
|---------|-----------------|---|---|---------------------------------|---|
| 27.10 | | Petroleum oil and oils obtained from bituminous minerals other than crude; preparations not elsewhere specified or included, containing by weight 70% or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations | | | |
| | | | lubricants: | | |
| | 2710.00.71 | | lubricating oil | 100 L | 150 L |
| | 2710.00.72 | | lubricating greases | 20 KG | 30 KG |
| 28.28 | | hypochlorites; commercial calcium hypochlorite; chlorites; hypobromites | | | |
| | 2828.10.00 | | commercial calcium hypochlorite and other calcium hypochlorites | 10 L | 15 L |
| | 2828.90.00 | | other | 10 L | 15 L |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS | MAXIMUM QUANTITY IMPORTED | MAXIMUM QUANTITY LOCALLY PURCHASED |
|---------|-----------------|---|---|---------------------------------|---|
| 32.08 | | Varnishes and lacquers; distempers; prepared water pigments of the kind used for finishing leather; paints and enamels; pigments in linseed oil, white spirit, spirits of turpentine, varnish or other paint or enamel media; | | | |
| | 3208.10.00 | | based on polyesters | 20 L | 40 L |
| | 3208.20.00 | | based on acrylic or vinyl polyesters, acrylic | 20 L | 40 L |
| | 3208.90.00 | | lacquer varnish | 20 L | 40 L |
| 32.09 | | paints and varnishes (including enamels and lacquers) based on synthetic polymers or chemically modified natural polymers, dispersed or dissolved in aqueous medium | | | |
| | 3209.10.00 | | based on acrylic or vinyl polymers | 200 L | 400 L |
| | | other paints and varnishes (including enamels, lacquers and distempers); prepared water pigments of a kind used for finishing leather | | | |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS | MAXIMUM QUANTITY IMPORTED | MAXIMUM QUANTITY LOCALLY PURCHASED |
|---------|-----------------|---|---|---------------------------------|---|
| | 3210.10.00 | | water pigments of kind used for finishing leather | 5 L | 10 L |
| 32.13 | | Artists', students' and signboard painters' colours modifying tints, amusement colours and the like, in tablets, tubes, Jars, bottlers, pans or in similar forms or packings. | | | |
| | 3213.10.00 | | colours in sets | 5 sets | 5 sets |
| 32.14 | | Glaziers' putty; grafting putty, resin cements, caulking compound and other mastics; painters filling; non-refractory surfing preparations for facades, indoor walls, floor, ceilings or the like | | | |
| | 3214.10.00 | | Glaziers' putty; grafting putty, resin cements, caulking compounds and other mastics; painters fillings | 100 KG | 200 KG |
| 32.15 | | printing ink, writing or drawing ink and other inks, whether or not concentrated or solid | | | |
| | | | printing ink | | |
| | 3215.11.00 | | black | 10 L | 20 L |
| | 3215.19.00 | | other printing ink | 10 L | 20 L |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS | MAXIMUM QUANTITY IMPORTED | MAXIMUM QUANTITY LOCALLY PURCHASED |
|---------|-----------------|---|---|---------------------------------|---|
| 34.02 | | Organic Surface-Active Agents (Other Than Soap); Surface-Active Preparations, Washing Preparations (Including Auxiliary Washing Preparations) and Cleaning Preparations, Whether or not Containing Soap | | | |
| | | Surface-Active Preparations, | | | |
| | | | Organic surface-active agents | | |
| | 3402.11.00 | | Anionic | 200 KG | 400 KG |
| | 3402.12.00 | | Cationic | 200 KG | 400 KG |
| | 3402.13.00 | | Non-ionic | 200 KG | 400 KG |
| 34.04 | | Artificial Waxes and Prepared Waxes: | | | |
| | 3404.20.00 | | Of poly (oxyethylen) (polyethylene glycol) | 10 KG | 20 KG |
| 34.05 | | Polishes and Creams, for Footwear, Furniture, Floors, Coachwork, Glass or Metal, Scouring Pastes and Powders and Similar Preparations | | | |
| | 3405.10.00 | | Polishes, creams and similar preparations for footwear or leather | 10 KG | 20 KG |

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS | MAXIMUM QUANTITY IMPORTED | MAXIMUM QUANTITY LOCALLY PURCHASED |
|---------|-----------------|---|---|---------------------------------|---|
| | 3405.20.00 | | Polishes, creams and similar preparations for the maintenance of wooden furniture, floors or other woodwork | 10 KG | 20 KG |
| | 3405.30.00 | | Polishes and similar preparations for coachwork, other than metal polishes | 10 KG | 20 KG |
| | 3405.40.00 | | Scouring pastes and powders and other scouring preparations | 10 KG | 20 KG |
| 35.06 | | Prepared Glues and other Prepared adhesive, not elsewhere specified or included; products suitable for use as Glues or adhesive, | | | |
| | 3506.10.00 | | Glue/Adhesive | 10 L | 15 L |
| 38.05 | | gum, wood or sulphate turpentine and other terpernic oil produced by distillation or other treatment of corniferous wood; crude dipentene; sulphide turpentine and other crude paracymene; pine oil containing alpha-terpined as the main constituent | | | |

(Continued)

| HEADING | H.S CODE No. | DESCRIPTION | FURTHER DESCRIPTIONS | MAXIMUM QUANTITY IMPORTED | MAXIMUM QUANTITY LOCALLY PURCHASED |
|---------|-----------------|--|---|---------------------------------|---|
| | 3805.10.00 | | gum, wood or sulphate turpentine oils | 10 KG | |
| | 3805.20.00 | | pine oils | 10 L | |
| 38.13 | | preparation and charges for fire extinguishers; charged fire extinguishing grenades, | | | |
| | 3813.00.00 | | preparation and charges for fire extinguishers; charged fire extinguishing grenades | 25 KG | 50 KG |
| 38.14 | | organic composite solvents and thinners not elsewhere specified or included; prepared paint or vanish removers | | | |
| | 3814.00.00 | | organic composite solvents and thinners not elsewhere specified or included; prepared paint or vanish removers | 5 L | 10 L |
| 38.24 | | Silica gel desiccants | | | |
| | 382490.90 | | Silica gel desiccant | 10 KG | 5 KG |

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386 of 2012

FOURTH SCHEDULE

(Made under section 15(1))

APPLICATIONS FORM FOR REGISTRATION OF A CERTIFICATE HOLDER

1. Particulars of the applicant:

1.1. Name:

1.2. Address:

1.3. Telephone:

1.4. Fax:

1.5. E-mail:

2. Contact Person (if different from above):

2. 1. Name:

2.2. Address:

2.3. Telephone:

2.4. Fax:

2.5. E-mail:

3. Physical Address:

3.1. Plot No:

3.2. Street No:

3.3. District:

3.4. Region:

4. Description of Business/Activity (State nature of activities e.g. production, importation, exportation, transportation, or dealing in chemicals)

.....

.....

5. Provide evidence of Environment Impact Assessment (for producers/large scale users/handlers of highly hazardous chemicals)

6. Business License No: (attached copy)

7. List of chemicals to be handled (Attach list where applicable):

.....

.....

.....

.....

.....

Signature Date Official stamp

GN. No.
386 of 2012

FIFTH SCHEDULE

(Made under section 27(4))

APPLICATION FORM FOR REGISTRATION OF PREMISES

1. Particulars of the applicant:
 - 1.1. Name:
 - 1.2. Address:
 - 1.3. Telephone:
 - 1.4. Fax:
 - 1.5. E-mail:
2. Physical Address:
 - 2.1. Plot No:
 - 2.2. Street No
 - 2.3. District:
 - 2.4. Region:
3. Proprietor of the Premises (if different from 1 above)
 - 3.1. Name:
 - 3.2. Address:
 - 3.3. Telephone:
 - 3.4. Fax:
 - 3.5. E-mail:
4. Description of Business/Activity (State nature of activities e.g. production, importation, exportation, transportation, or dealing in chemicals)
.....
.....
.....
5. Business License No: (attach copy)
6. Proximity to Economic Values Km miles
 - 6.1. Distance to the nearest water bodies
 - 6.2. Distance to the nearest school/college
 - 6.3. Distance to the nearest hospital
 - 6.4. Distance to the nearest settlement
 - 6.5. Distance to the nearest industry.
 - 6.6. Distance to the nearest recreational facilities
 - 6.7. Distance to the nearest farm/ranch/game reserve/national park/forest reserve
.....

7. List of chemicals to be handled (attach list where applicable):

.....

.....

.....

Signature Date Official stamp

GN. No.
386 of 2012

SIXTH SCHEDULE

(Made under section 11 and 28)

LIST OF HIGHLY HAZARDOUS CHEMICALS

Contents

- Definitions
- Highly Flammable Chemicals
- Highly Toxic Chemicals
- Carcinogenic Chemicals
- Explosive Chemicals
- Chemicals that are hazardous to the environment
- Thiols

Definitions

The Following Chemicals are Considered Extremely Harmful.

- Chemicals labeled with Pitogramme T+ (very toxic) (R26/R27/R28), F+ (very flammable) (R12), E (Explosive) (R1/R2/R3/R5/R6);
- Chemicals labeled N (Harmful to the environment) (R50/R58/R59);
- Carcinogenic chemicals are identified by R45 and R49;
- Mutagenic chemicals, that alter the genetic code in living matter, identified by R-phrases R6 and R47;
- Teratogenic chemicals, that are toxic to the propagation, identified by R-phrases R61 and R63;
- Chemicals for which irreversible effects cannot be excluded, identified by R-phrase R40; and
- Thiols.

Highly Flammable Chemicals (F+) (R12)

- Acetaldehyde (Ethanol);
- Ethyldimethylamine (N,N-dimethylethylamine);
- Ethyleneoxide (Oxirane)
- Propyleneoxide (Propeneoxide), (1,2-Expoxypropane);
- All chemicals carrying the label F+ (highly flammable), irrespective of whether they are or will be included in this

(Continued)

Highly Toxic Chemicals (T+) (R26/R27/R28)

- Arsenic Trioxide (Diasarnictrioxide);
- Bis(chloromethyl)ether;
- Cyanides;
- Diazomethane;
- Dieldrin;
- Dimethylnitrosamine (N-nitrosodimethylamine);
- Dimethylsulfate;
- Naphtylthiourea (1-(1-Mafty)-2-thiourea);
- Beta-Propiolactone;
- All chemicals carrying the label T+ (Highly Toxic), irrespective of whether they are or will be included in this.

Carcinogenic Chemicals

- Carcinogenic chemicals carrying the R45 and R49; and
- Other Chemicals (still without R45 and R49 phrases).

LIST OF CARCINOGENIC CHEMICALS

| HS – CODES | CHEMICAL NAME |
|------------|---|
| 2841 50 | Ammoniumdichromate |
| 2903 29 | Bromoethylene; Vinylbromide |
| 2901 24 | 1,3-Butadiene |
| 2901 10 | Butane [1] And Isobutane[2] (<0. 1% Butadiene (203-450-8)) |
| 2910 10 | Ethyleneoxide; Oxirane |
| 2910 20 | Propyleneoxide; 1,2-Epoxypropane; Methyloxirane |
| 2903 21 | Vinylchloride; Chloroethylene |
| 2903 15 | 1,2-Dichloroethane; Ethylenechloride |
| 2926 10 | Acrylonitrile |
| 2933 90 | Carbadox; 2 (Methoxycarbonylhydrazonomethyl) quinoxaline-1,4-dioxide; Methyl-3- (quinoxaline-2-ylmethylene) carbazate-1,4-dioxide 6804-07-5 |
| 2909 19 | Chloromethyl-methylether; Chlorodimethylether |
| 2933 90 | 2-Methylaziridine; Propyleneimine |
| 2933 90 | Ethyleneimine; Aziridine |
| 2928 00 | N,N-Dimethylhydrazine |
| 2819 10 | Sodium Dichromate |
| 2819 10 | Chromium trioxide |
| 2841 50 | Chromo (III) chromate; Chromichromate; Chromo(III) Salt of Chromo (VI) Acid; Dichromotris (chromate) |
| 2827 49 | Chromooxychloride; Chromyldichloride |
| 2932 90 | 5-Allyl-1,3-benzodioxole; Safrole |

| | |
|--------------------|---|
| 2910 90 | 2,2'-Bioxirane |
| 2932 29 | 3-Propanolide; 1,3-Propiolactone |
| 8112 11 | Beryllium |
| 2909 19 | Bis(chloromethyl)ether; Dichlorodimethylether |
| 2920 90 | Dimethylsulfate |
| 2921 19 | Dimethylsulfamoylchloride |
| 2841 50 | Potassium Dichromate |
| 2841 30 | Sodium Dichromate, D-1hydrate |
| 2903 29 | 1,4-Dichlorobut-2-ene |
| 2922 22 | 2-Methoxy-aniline; o-Anisidine |
| 2925 90 and others | Beryllium compounds with the exception of beryllium-aluminium silicate |
| 2827 39 | Cadmium chloride |
| 2826 19 | Cadmium fluoride |
| 2811 29 | Diarsenetroxide |
| 2921 19 | Dimethylnitrosamine; N-Nitrosodimethylamine |
| 2904 20 | [1] Dinitrobenzene; 1,4-Dinitrobenzene; 1,3-Dinitrobenzene; 1,2-Dinitrobenzene |
| 2903 40 | 1,2-Dibromo-3-chloropropane |
| 2905 50 | 1,3-Dichloro-2-propanol |
| 2934 90 | 1,3-Propanesultone |
| 2910 30 | 1-Chloro-2,3-epoxypropane; Epichlorohydrine |
| 2921 19 | 2,2'-(Nitrosoimino)bisethanol |
| 2910 90 | 2,3-Epoxypropane-1-ol |
| 2909 30 | 2-Nitroanisole |
| 2804 20 | 2-Nitropropane |
| 2921 49 | 4-Aminobiphenyl |
| 2927 00 | 4-o-Tolylazo-o-toluidine; 4-Amino-2',3-dimethylazobenzene; fast gamet GBC Base; AAT |
| 2904 20 | 5-Nitroacenaphthene |
| 2825 90 | Cadmium oxide |
| 2930 90 | Captafol, 1,2,3,6-Tetrahydro-N-(1,1,2,2-tetrachloroethylthio) phthalimide |
| 2927 00 | Diazomethane |
| 2920 90 | Diethylsulfate |
| 2924 10 | Dimethylcarbamoylchloride |
| 2927 00 | Disodium- f 5-[(4'-((2,6-dihydroxy-3-((2-hydroxy-5-sulfophenyl)azo) phenyl) azo)(1, 1-biphenyl)-4-yl)azo]salicylate(4-)-cuprate(2-) |

(Continued)

| | |
|---------|---|
| 2927 00 | Disodium-3,3'-[[1,1'-biphenyl-4,4'-diylbis(azo)bis(4-amino-naphthalene-1-sulfonate) |
| 2927 00 | Disodium-4-amino-3-[[4'-[(2,4-diaminophenyl)azo-[1,1'-biphenyl-4-ylazo]-6-(phenylazo)-5-hydroxynaphthalene-2,7-disulfonate |
| 2825 40 | Dinickel trioxide |
| 2530 90 | Erionite |
| 2929 90 | Hexamethylphosphoric Acid Triamide; Hexamethylphosphoamide |
| 2927 00 | Hydrazine-bis(3-carboxy-4-hydroxybenzenesulfonate) Methyl-ONN-azoxymethylacetate; Methylazoxymethylacetate |
| 2924 19 | Methylacrylamidoglycolate (>= 0, I % Acrylamide) |
| 2924 19 | Methylacrylamidomethoxyacetate (>= 0, I % Acrylamide) |
| 2825 40 | Nickel dioxide |
| 2825 40 | Nickel monoxide |
| 2830 90 | Nickelsulfide |
| 2927 00 | Tetrasodium-3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis-[5-amino-4-hydroxynaphthalene-2,7-disulfonate |
| 2930 90 | Thioacetamide |
| 2830 90 | Trinickeldisulfide |
| 2921 49 | Urethane; Ethylearbamate Salts of 3,3'-Dimethoxybenzidine; Salts of o-Dianisidine. Salts of 4-Aminobiphenyl |
| 2903 31 | 1,2-Dibromoethane; Ethylenedibromide |
| 2841 50 | Calcium chromate Chromo(Vi) Compounds, With The Exception Of Barium chromate |
| 2841 50 | Potassium Chromate |
| 2841 50 | Strontium Chromate Zinc Chromate including Zinc Potassium Chromate |
| 2925 20 | 1-Methyl-3-nitro-1-nitrosoguanidine |
| 2921 59 | 2,2'-Dichloro-4,4'-methylenedianiline; 4,4'-Methylene-bis(2-chloroaniline) |
| 2904 20 | 2,4-Dinitrotoluene; Dinitrotoluene; Dinitrotoluene, Technical |
| 2921 45 | 2-Naphtylamine |
| 2921 59 | 3,3'-Dichlorobenzidine |
| 2921 59 | 3,3'-Dimethylbenzidine; 4,4'-Bi-o-toluidine |
| 2921 59 | 4,4'-Diaminodiphenylmethane |
| 2921 59 | 4,4'-Methylenedi-o-toluidine |
| 2922 29 | 4-Amino-3-fluorphenol |
| 2927 00 | 4-Aminoazobenzene |
| 2921 42 | 4-Chloroaniline |
| 2904 20 | 4-Nitrobiphenyl |
| 2811 29 | Arsenic acid and salts |

| | |
|-----------|--|
| 2927 00 | Azobenzene |
| 2921 59 | Benzidine; 4,4'-Diarninobiphenyl |
| 2902 90 | Benzo(J)fluoranthene |
| 2902 90 | Benzo(K)fluoranthene |
| 2902 90 | Benzo[E]acefenantrylene |
| 2902 90 | Cadmium Sulfate |
| 2811 29 | Diarsenepentaoxide |
| 2902 90 | Dibenzo[A,H]anthracene |
| 2903 62 | Hexachlorobenzene |
| 2825 10 | Hydrazine |
| 2928 00 | Hydrazobenzene |
| 2842 90 | Leadhydrogene Arsenate |
| 2909 30 | Nitrofen (iso); 2,4-Dichlorophenyl-4-nitrophenyl ether |
| 2921 19 | Nitrosodipropylamine |
| 2930 20 | Sulfallate, (iso); 2-Chloroallylidithioidithiocarbamate |
| 2921 59 | Toluene-2,4-diammoniumsulfate Salts of 2,2'-Dichloro-4,4'-methylenedianiline; Salts of 4,4'-Methylenebis(2-chloroaniline) |
| 2921 45 | Salts of 2,-Naphtylamine |
| 2921 59 | Salts of 3,3'-Dichlorobenzidine |
| 2921 59 | Salts of Benzidine |
| 2825 10 | Salts of Hydrazine |
| no number | Aflatoxine AFB |
| no number | Aflatoxine AFB ² |
| no number | Aflatoxine AFG |
| no number | Aflatoxine AFG |
| 2922 39 | Auramine (Technical) (Basic Yellow 2) |
| 2933 90 | Aziridine (Ethyleneimine) |
| 2903 69 | Benzylchloride (a-Chlorotoluene) |
| 2921 42 | 4-Chloroaniline |
| 2920 90 | 2-(p-Tert-butylphenoxy)-isopropyl-2-chloroethylsulfite (Ararnite, Aratrone) |
| 2921 51 | 4-Chloro-o-phenylenediamine (2-Amino-4-chloroaniline) |
| 2903 13 | Chloroform |
| 2843 90 | Cisplatin (cis-DDP,CP) |
| 2927 00 | Citrus Red No. 2 (1-[(2,5-Dimethoxyphenyl)azo]-2-naphthalenol) |
| 2922 29 | p-Cresidine (2-Methoxy-5-methylbenzeneamine) |
| 2927 00 | Cycasine |

(Continued)

| | |
|---------|---|
| 2922 29 | 2,4-Diamino-anisolesulfate (2,4-DAAS) |
| 2921 44 | 4,4'-Diaminodiphenylether (4,4'-DDE) |
| 2902 90 | Dibenz(A,H)acridine |
| 2902 90 | Dibenz(A,H)pyrene |
| 2902 90 | Dibenz(A,I)pyrene |
| 2935 90 | 7h-Dibenzo(C,G)carbazole |
| 2921 44 | 3,3'-Dicloro-4,4'-diaminodiphenyl ether (DDD-Ether) |
| 2919 00 | Dichlorovos (DDVP) |
| 2910 90 | Diglycidylresorcinolether (1,3-Bis (2,3-epoxy-propoxy)benzene) |
| 2927 00 | p-Dimethylamino-azobenzene (DAB) |
| 2924 10 | Dimethylcarbamoylechloride |
| 2904 20 | 1,6-Dinitropyrene |
| 2904 20 | 1,8-Dinitropyrene |
| 2927 00 | Direct Black 38 |
| 2927 00 | Direct Blue 6 |
| 2914 70 | Disperse Blue |
| 2910 90 | I -Epoxyethyl- 1-3,4-epoxycyclohexene |
| 2904 10 | Methylmethanesulfonate (EMS) |
| 2933 39 | Phenazopyridinehydrochloride (3-(Phenylazo)-2,6-pyridinediamine) |
| 2904 10 | Phenylglycidylether |
| 2933 99 | 2-(2-Forrnylhydrazino)-4-(5-nitro-2-furyl)thiazole |
| 2934 90 | Furazolidone |
| 2902 90 | Indenol (1,2,3-CD)pyrene |
| 2918 99 | Merfalan |
| 2914 70 | 2-Methyl-1-nitroantraquinone (1-Nitro-2-methylantraquinone) |
| 2927 00 | Methylazoxymethanol |
| 2902 90 | 5-Methylchrysene |
| 2904 10 | Methylmethanesulfonate (MMS,Methylmethanesulfonic Acid) |
| 2933 29 | Methylthiouracil (2-Mercapto-4-hydroxy-6-methylpyrimidine) |
| 2923 31 | Metronidazole |
| 2914 69 | Mitomycine C |
| 2921 59 | N,N'-Diacetylbenzidine (4,4'-Diacetylbenzidine) |
| 2933 99 | N-(4-(5-Nitro-2-furyl)-2-thiazolyl)acetamide (NFTA) |
| 2914 19 | N-4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (4-(N-Nitrosomethylamino)-1-(3-pyridyl)-1-butanone) |
| 2921 29 | N-Nitrosodi-N-butylamine |

| | |
|---------|--|
| 2921 29 | N-Nitrosodithylamine (Dithylnitrosamine, NDEA, DENA) |
| 2921 29 | N-Nitrosodiisopropylamine (Diisopropylamine, NDIPA, DIPNA) |
| 2921 29 | N-Nitrosoethylureum (Ethylnitrosureum, NEU, ANDU) |
| 2921 29 | N-Nitrosomethylethylamine |
| 2921 29 | N-Nitrosomethylurethane |
| 2921 29 | N-Nitrosomethylureum (Methylnitrosureum) |
| 2921 29 | N-Nitrosomethylvinylamine |
| 2934 90 | N-Nitrosomorfoline (NMOR) |
| 2931 90 | N-Nitrososonornicotine (NNOR) |
| 2933 39 | N-Nitrosopiperidine (NPIP) |
| 2933 90 | N-Nitrosopyrrolidine (NPYR) |
| 2934 90 | N-Nitrososarcosine (NSAR) |
| 2934 10 | Niridazole (Nitrothiamidazole, Nitrothiazole) |
| 2904 20 | 6-Nitrochrysene (6-Nc) |
| 2904 20 | 2-Nitrofluorene (2-NF) |
| 2933 69 | Panfuran S (Dihydroxymethylfuratrizine) |
| 2938 90 | Ptaquiloside |
| 2932 90 | Safrol (5;(2-Propenyl)-1,3-benzodioxoi) |
| 2903 14 | Tetrachloromethane (Carbon Tetrachloride) |
| 2931 00 | Tris (2,3-dibromopropyl)phosphate (TBPP) |

Carcinogenic chemicals carrying the R45 and R49, and Others without R45 and R49

EXPLOSIVE CHEMICALS (E) (R1/R2/R3/R5/R6)

| HS – CODES | NAME OF THE CHEMICALS |
|------------|---|
| 2922 29 | 2-Amino-4,6-dinitrophenol (Picraminic acid) |
| 2841 50 | Ammoniumdichromate |
| 2909 30 | Benzoylperoxide (Dibenzoylperoxide) |
| 2931 00 | Calcium iodylbenzoate |
| 2908 99 | Dinitroglycol (Glycol dinitrate) |
| 2920 90 | Ethylnitrate |
| 2920 90 | Ethylnitrite |
| 2921 44 | Hexanitrodiphenylarnine |
| 2909 20 | Bis(1-hydroxycyclohexyl)peroxide |
| 2903 69 | Lodylbenzene |

(Continued)

| | |
|-------------------|---|
| 2838 00 | Mercury fulminate |
| 2837 19 | Mercury oxycyanide |
| 2850 00 | Lead azide |
| 2908 99 | Lead trinitroresorcinate |
| 3912 20 | Nitrocellulose (containing more than 12.6 % nitrogen) |
| 2904 59 | Nitroglycerine (Glycerotrinitrate) |
| 2904 59 | Nitromannite (Mannite Hexanitrate) |
| 2921 42 | Nitramine (Tetryl) |
| 2905 59 | Pentrite |
| 2908 90 | Picric acid and its salts (2,4,6-Trinitrophenol) |
| 2933 90 | 1,2,3,4-Tetranitrocarbazole |
| 2904 20 | Tetranitronaftalene |
| 2904 20 | Trinitrobenzene |
| 2904 90 | Trinitrochlorobenzene |
| 2908 90 | Trinitrocresol |
| 2904 20 | 2,4,6-Trinitrotoluene |
| 2904 20 | Trinitroxylene |
| 2921 45 | 2-Naphtylamine and salts |
| 2921 49 | 4-Aminobiphenyl and salts |
| 2921 59 | Benzidine and salts |
| 2904 20 | 4-Nitrobiphenyl |
| 2921 59 | 2-Aminobenzidine |
| 2921 45 | 2-Acetylaminofluorene |
| 2921 41 | Aniline |
| differing numbers | Arsenic and its compounds |
| differing numbers | Beryllium and its compounds |
| differing numbers | Boron containing halogenated chemicals |
| 2921 42 | Chloro-aniline (mono, di, tri) |
| 2921 59 | N,N'-diacetylbenzidine |
| 2921 59 | N,N'-dimethylbenzidine |
| 2933 90 | Ethylene-imine |
| 2825 10 | Hydrazine |
| 2813 10 | Carbon sulfide |
| differing numbers | Mercury and its compounds |
| 2931 00 | Alkylated lead |
| 2931 00 | [nickelcarbonyl]-compounds |

| | |
|---------|---|
| 2921 45 | 1 -Naphthylamine |
| 2921 42 | Nitroanilines (ortho, meta, para) |
| 2908 10 | Pentachlorophenol and its alkali salts |
| 2903 69 | Polychloro polyphenyls |
| 2921 43 | Toluidines, with the exception of o-toluidine |

LIST OF CHEMICALS THAT ARE HAZARDOUS TO THE ENVIRONMENT (N),
(R50/51/R59)

| HS - CODES | NAME OF THE CHEMICALS |
|------------|---|
| 2903 19 | 1,1,1-Trichloroethane |
| 2903 19 | 1,1,2,2-Tetrachloroethane |
| 2903 19 | 1,1,2-Trichloroethane |
| 2903 43 | 1,1,2-Chlorotrifluoroethane |
| 2903 19 | 1,1-Dichloroethane |
| 2903 29 | 1,1-Dichloroethene |
| 2903 69 | 1,2,4,5-Tetrachlorobenzene |
| 2903 69 | 1,2,4-Trichlorobenzene |
| 2903 39 | 1,2-Dibromomethane |
| 2903 61 | 1,2-Dichlorobenzene |
| 2903 19 | 1,2-Dichloroethane |
| 2903 29 | 1,2-Dichloroethene |
| 2903 19 | 1,2-Dichloropropane |
| 2905 50 | 1,3-Dichloro-2-propanol |
| 2903 69 | 1,3-Dichlorobenzene |
| 2903 29 | 1,3-Dichloropropene |
| 2903 61 | 1,4-Dichlorobenzene |
| 2904 90 | 1-Chloro-2,4-dinitrobenzene |
| 2904 90 | 1-Chloro-2-nitrobenzene |
| 2904 90 | 1-Chloro-3-nitrobenzene |
| 2904 90 | 1-Chloro-4-nitrobenzene |
| 2903 69 | 1-Chloronaphthalene |
| 2903 29 | 2,3-Dichloropropene |
| 2918 90 | 2,4,5-Trichlorophenoxy-acetic acid (and its salts and esters) |
| 2908 10 | 2,4-Dichlorophenol |
| 2918 90 | 2,4-Dichlorophenoxy-acetic acid (and its salts and esters) |

(Continued)

| | |
|--------------------|---|
| 2922 29 | 2-Amino-4-chlorophenol |
| 2921 43 | 2-Chloro-p-toluidine |
| 2921 42 | 2-Chloro-aniline |
| 2905 50 | 2-Chloro-ethanol |
| 2908 10 | 2-Chlorophenol |
| 2903 69 | 2-Chlorotoluene |
| 2921 42 | 3-Chloro-aniline |
| 2908 10 | 3-Chlorophenol |
| 2903 29 | 3-Chloropropene (Allylchloride) |
| 2903 69 | 3-Chlorotoluene |
| 2921 42 | 4-Chloro-2-nitro-aniline |
| 2904 90 | 4-Chloro-2-nitrotoluene |
| 2908 10 | 4-Chloro-3-methylphenol |
| 2921 42 | 4-Chloro-aniline |
| 2908 10 | 4-Chlorophenol |
| 2903 69 | 4-Chlorotoluene |
| 2902 90 | Anthracene |
| 2811 29 and others | Arsenic and its compounds |
| 2933 69 | Atrazine |
| 2933 69 | Azinfos-ethyl |
| 2933 69 | Azinfos-methyl |
| 2934 90 | Bentazone |
| 2902 20 | Benzene |
| 2921 59 | Benzidine |
| 2903 69 | Benzyl chloride (Chlorotoluene) |
| 2903 69 | Benzylidene chloride (dichlorotoluene) |
| 2902 90 | Biphenyl |
| differing | Cadmium and its compounds |
| 2905 50 | Chloralhydrate (trichloro-acetaldehyde, hydrated) |
| 2915 40 | Chloro-acetic acid |
| 2903 59 | Chlorodane |
| 2903 69 | Chloronaphthalenes (technical mixtures) |
| 2904 90 | Chloronitrotoluenes (other than 62) |
| 2921 43 | Chlorotoluidine (other than 72) |
| 2903 29 | Chloroprene (2-chlorobutadiene- 1,3) |
| 2931 00 | Cumafos |

| | |
|-------------------|--|
| 2933 69 | Cyanuric acid chloride (2,4,6-trichloro- 1,3,5-triazine) D. D.T. |
| no number | Metabolites |
| 2903 62 | D.D.D. and D.D.E.) |
| 2930 90 | Demetone (also demetone-o-s-methyl and s-methyl-sulfone) |
| 2931 00 | Dibutyltin salts (other than -dichloride and --oxide) |
| 2931 00 | Dibutyltin dichloride |
| 2931 00 | Dibutyltin oxide |
| 2921 42 | Dichloro-anilines |
| 2903 61/2903 69 | Dichlorobenzene |
| 2921 59 | Dichlorobenzidines |
| 2909 19 | Dichloro-di-isopropylether |
| 2903 12 | Dichloromethane |
| 2904 90 | Dichloronitrobenzenes |
| 2918 90 | Dichloropropyl-(2,4-dichlorophenoxy)-propionic acid) |
| 2931 00 | (2,2-dichloro-vinyl-dimethylphosphate) |
| 2921 12 | Diethylamine |
| 2930 90 | Dimethoate |
| 2921 11 | Dimethylamine |
| 2930 90 | Disulfotone |
| 2920 90 | Endosulfane |
| 2910 90 | Endrine |
| 2910 30 | Epichlorohydrin |
| 2902 60 | Ethylbenzene |
| 2930 90 | Fenthion |
| 2920 10 | Fenitrothion |
| 2928 00 | Foxim |
| 2903 59/2903 62 | Heptachloro- (and heptachloro-epoxy-) hexachlorobenzene |
| 2903 29 | Hexachlorobutadiene |
| 2903 51 | Hexachlorocyclohexane (all isomers) |
| 2903 19 | Hexachloroethane |
| 2928 00 | Isodrin |
| 2902 70 | Iso-Propylbenzene |
| differing numbers | Mercury and its compounds |
| 2928 00 | Linuron |
| 2918 90 | M-c.p.a. (2-methyl-4-chlorophenoxy-acetic acid) mecoprop |
| 2930 90 | (2-(2-methyl-4-chlorophenoxy)-propionic acid) malathion |

(Continued)

| | |
|------------------------------|--|
| 2930 90 | Methamidofos |
| 2919 00 | Mevinfos |
| 2903 61 | Monochlorobenzene |
| 2928 00 | Monolinuron |
| 2902 90 | Naftalene |
| 2931 00 | Omethoate |
| 2930 90 | Oxydemeton methyl |
| 2902 90 | Rak (3,4-benzopyrene and 3,4-benzofluoranthene) |
| 2920 10 | Parathion (and Parathion-methyl) |
| 2908 10 | Pentachlorophenol |
| 2903 69 | Polychlorobiphenyls and -terphenyls |
| 2924 29 | Propanil (3,4-dichloropropionanilide) pyrazon |
| 2933 69 | Simazine |
| 2931 00 | Tetrabutyltin |
| 2903 23 | Tetrachloro-ethene |
| 2903 14 | Tetrachloromethane |
| 2902 30 | Toluene |
| 2933 90 | Triazofos |
| 2919 00 | Tributylphosphate |
| 2931 00 | Tributyltinoxide |
| 2903 22 | Trichloroethene |
| 2908 10 | Trichlorophenol |
| 2931 00 | Trichlorofon |
| 2903 13 | Trichloromethane (chloroform) |
| 2931 00 | Triphenyltinhydroxyde, triphenyltinacetate, triphenyltinchloride |
| 2921 43 | Trifluralin |
| 2903 21 | Vinylchloride (chloro-ethene) |
| 2902 44 | Xylenes (technical mixtures of isomers) |
| differing numbers | Chlorofluoro and bromofluorcontaining hydrocarbons |
| 2903 45 differing numbers | Fully halogenated organic compounds Halones |
| 2903 14 | Carbontetrachloride |
| 2903 19 | 1,1,1-Trichloro-ethane |

THIOLS

- Mercaptoacetic acid (68-11-1) (Thioglycolic acid)
- 2-Mercaptobenzothiazole (149-30-7a) (Benzothiazole – 2-thiol)

RISK PHRASES FOR HIGHLY HAZARDOUS CHEMICALS

- R3: Extreme risk of explosion by shock friction, fire or other sources of ignition
R4: Forms very sensitive explosive metallic compounds
R5: Heating may cause an explosion
R6: Explosive with or without contact with air
R7: May cause fire
R8: Contact with combustible material may cause fire
R9: Explosive when mixed with combustible material
R10: Flammable
R11: Highly flammable
R12: Extremely flammable
R13: Extremely flammable liquefied gas
R14: Reacts violently with water
R15: Contact with water liberates highly flammable gases
R16: Explosive when mixed with oxidising substances
R17: Spontaneously flammable in air
R18: In use, may form flammable/explosive vapour-air mixture
R19: May form explosive peroxides
R19: inaweza kusababisha milipuko ya peroxides
R20: Harmful by inhalation
R21: Harmful in contact with skin
R22: Harmful if swallowed
R23: Toxic by inhalation
R24: Toxic in contact with skin
R25: Toxic if swallowed
R26: Very toxic by inhalation
R27: Very toxic in contact with skin
R28: Very toxic if swallowed
R29: Contact with water liberates toxic gas
R30: Can become highly flammable in use
R31: Contact with acids liberates toxic gas
R32: Contact with acids liberates very toxic gas
R33: Danger of cumulative effects
R34: Causes burns
R35: Causes severe burns
R36: Irritating to eyes
R37: Irritating to respiratory system
R38: Irritating to skin
R39: Danger of very serious irreversible effects
R40: Possible risk of irreversible effects
R41: Risk of serious damage to eyes
R42: May cause sensitization by inhalation
R43: May cause sensitisation by skin contact
R44: Risk of explosion if heated under confinement

- R45: May cause cancer
 R46: May cause heritable genetic damage
 R47: May cause birth defects
 R48: Danger of serious damage to health by prolonged exposure
 R49: May cause cancer by inhalation
 R50: Very toxic to aquatic organisms
 R51: Toxic to aquatic organisms
 R51: Inasumu kwa viumbe wa majini
 R52: Harmful to aquatic organisms
 R53: May cause long-term adverse effects in the aquatic environment
 R54: Toxic to flora
 R55: Toxic to fauna
 R56: Toxic to soil organisms
 R57: Toxic to bees
 R58: May cause long-term adverse effects in the environment
 R59: Dangerous to the ozone layer
 R60: May impair fertility
 R61: May cause harm to the unborn child
 R62: Possible risk of impaired fertility
 R63: Possible risk of harm to the unborn child
 R64: May cause harm to breastfed babies

GN. Nos.
 386 of 2012
 1049 of 2020

SEVENTH SCHEDULE

(Made under section 32)

CATEGORY I: LIST OF HIGHLY CONTROLLED PRECURSOR CHEMICALS/SUBSTANCES

| S/N | HS – CODES | CAS No: | CHEMICAL NAME |
|-----|------------|------------|--|
| 1 | 2924 29 | 89-52-1 | N- Acetylanthranilic acid |
| 2 | 2915 24 | 108-24-7 | Acetic anhydride |
| 3 | 2932 31 | 120-58-1 | Isosafrole |
| 4 | 2939 63 | 82-58-6 | Lysergic acid |
| 5 | 2914 19 | 4676-39-5 | 3,4 – Methyleneedioxyphenyl – 2 –propanone |
| 6 | 2933 39 | 21409-26-7 | 4-Anilino-N-phenethylpiperidine (ANPP) |
| 7 | 2933 39 | 39742-60-4 | N-phenethyl-4-piperidone (NPP) |
| 8 | 2926 40 | 4468-48-8 | alpha-phenylacetonitrile (APAAN) |
| 9 | 2914 19 | 103-79-7 | 1-Phenyl - 2 – propanone |
| 10 | 2932 33 | 120-57-0 | Piperonal |
| 11 | 2932 94 | 94-59-7 | Safrole |
| 12 | 3301 29 | 8006-80-2 | Sassafras oil |

| S/N | HS – CODES | CAS No: | CHEMICAL NAME |
|-----|------------|------------|---|
| 13 | 2922 43 | 118-92-3 | O-amino benzoic acid |
| 14 | 2825 10 | 7803-49-8 | Hydroxylamine and its salts |
| 15 | N/A | N/A | 1-phenyl-2-bromo-1-propanol |
| 16 | 2914 70 | 6740-85-8 | 2-chlorophenyl cyclopentyl ketone |
| 17 | 2926 90 | 4468-48-8 | 3-oxo-2-phenylbutyronitrile |
| 18 | 3822 00 | 21409-26-7 | 4-peridinamine, N-phenyl-1- (2-phenylethyl) |
| 19 | N/A | N/A | N-Methyl-1-phenyl-1-chloro-2-amines |
| 20 | 2916 34 | 103-82-2 | Phenyl acetic acid |
| 21 | 2841 64 | 7722-64-7 | Potassium Permanganate |
| 22 | 2841 69 | 10101-50-5 | Sodium Permanganate |

The salts of the substances listed in this Table whenever the existence of such salts is possible

Note 1: Mixtures containing above chemicals shall also fall within the scope of chemical precursor controlled substances.

Note 2: Highly controlled precursor chemicals are those used as ingredients in the manufacturing of drugs of abuse.

CATEGORY II: LIST OF OTHER CONTROLLED PRECURSOR CHEMICALS/SUBSTANCES

| S/N | HS – CODES | CAS No: | CHEMICAL NAME |
|-----|------------|-------------|---------------------------------------|
| 1 | 2922 43 | 118-92-3 | Anthranilic acid |
| 2 | 2914 11 | 67-64-1 | Acetone |
| 3 | 2909 11 | 60-29-7 | Ethyl ether (Diethyl Ether) |
| 4 | 2806 10 | 7647-01-0 | Hydrochloric acid (Hydrogen Chloride) |
| 5 | 2914 12 | 78-93-3 | Methyl ethyl ketone (Butanone) |
| 6 | 2801 30 | 7726-95-6 | Bromine |
| 7 | 2807 00 | 7664-93-9 | Sulphuric acid |
| 8 | 2902 30 | 108-88-3 | Toluene |
| 9 | 2903 13 | 67-66-3 | Chloroform |
| 10 | 2914 39 | 93-55-0 | Propiophenone |
| 11 | 2207 10 | 64 - 17 - 5 | Ethyl alcohol |
| 12 | 2801 20 | 7553-56-2 | Iodine |

The salts of the substances listed in this Table whenever the existence of such salts is possible

The salts of the hydrochloric and sulphuric acid are specifically excluded from Table II

Note 1: Mixtures containing above chemicals shall also fall within the scope of chemical precursor controlled substances.

Note 2: Highly controlled precursor chemicals are those used as solvents in the manufacturing of drugs of abuse.

GN. Nos.
386 of 2012
16 of 2017

EIGHTH SCHEDULE

(Made under section 31)

LIST OF SEVERELY RESTRICTED, BANNED AND ELIMINATED CHEMICALS

| CAS Number(s) | Chemical Name(s) |
|--|---|
| 77536-66-4, | Actinolite asbestos |
| 77536-67-5 | Anthophyllite |
| 12172-73-5 | Amosite Asbestos |
| 56-23-5 | Carbon Tetrachloride |
| 12001-29-5 | Chrysotile Asbestos |
| 12001-28-4 | Crocidolite Asbestos |
| 36483-60-0, 68928-80-3 | Commercial Octabromodiphenyl ether (including hexabromodiphenyl ether and Heptabromodiphenyl ether) |
| 32534-81-9, 40088-47-9 | Commercial Pentabromodiphenyl ether (including tetrabromodiphenyl ether and Pentabromodiphenyl ether) |
| 67-66-3 | Chloroform |
| 8001-58-9 | Creosote |
| 36355-01-8, 27858-07-7, 13654-09-6 | Polybrominated biphenyls (PBB) |
| 1336-36-3 | Polychlorinated biphenyls (PCB) |
| 61788-33-8 | Polychlorinated terphenyl (PCT) |

| CAS Number(s) | Chemical Name(s) |
|---|---|
| 1691-99-2, 1763-23-1, 24448-09-7, 251099-16- 8, 2795-39-3, 29081-56- 9, 29457-72-5, 307- 35-7, 31506-32-8, 4151-50-2, 56773-42-3, 70225-14-8 | Perfluorooctane sulfonates acid (PFOS), Perfluorooctane sulfonates Perfluorooctane sulfonamides, Perfluorooctane sulfonyls |
| 7439-92-1 | Paint-Lead |
| 78-00-2 | Tetraethyl lead |
| 75-74-1 | Tetramethyl lead |
| 77536-68-6 | Tremolite |
| 126-72-7 | Tris (2,3- dibromopropyl) Phosphate |
| 7439-97-6 | Mercury |

GN No.
386 of 2012

NINTH SCHEDULE

(Made under section 13)

FORM: A



UNITED REPUBLIC OF TANZANIA
MINISTRY OF HEALTH GOVERNMENT
CHEMIST LABORATORY AUTHORITY



P. O. BOX 164
DAR ES SALAAM

CHEMICAL REGISTRATION CERTIFICATE

The Registrar of Industrial and Consumer Chemicals, hereby certifies that:

Name
Postal address
Location of the premises
Registration No.

Has been approved and provisionally/registered for sale or use of
..... (insert name of the chemical) in Tanzania under the
conditions detailed below.

This certificate remains valid from. to
Granted (date)

Signed

REGISTRAR

Date.....



FORM: B

UNITED REPUBLIC OF TANZANIA
MINISTRY OF HEALTH GOVERNMENT
CHEMIST LABORATORY AUTHORITY

P. O. BOX 164
DAR ES SALAAM

REGISTRATION CERTIFICATE FOR PREMISES AND FACILITIES

(Made under sections 13 and 27)

The Registrar of Industrial and Consumer Chemicals, hereby certifies that:

Name
Postal Address
Location of the Premises
Registration No.

The above-mentioned Premises of facility have been approved and provisionally registered in Tanzania to operate as a (producer, transporter, storage facility, users, importer, exporter or dealer)

.....
.....
.....

The special conditions attached to this certificate are:

.....
.....
.....
.....

This certificate remains valid from. to

Granted (date)

Signed

REGISTRAR

Date.....

GN No.
386 of 2012

TENTH SCHEDULE

(Made under section 30)



FORM: A

**UNITED REPUBLIC OF TANZANIA
MINISTRY OF HEALTH GOVERNMENT
CHEMIST LABORATORY AUTHORITY**



P. O. BOX 164
DAR ES SALAAM

REGISTRATION CERTIFICATE

(Made under section 30)

Certificate Number.....

The Registrar of Industrial and Consumer Chemicals, hereby certifies that:

Name

Postal address

Location of the premises

Registration No.

The above-mentioned company has been approved and provisionally/registered in Tanzania to operate as a (Producer, Transporter, Store/warehouse operator, Importer, Exporter or dealer)

.....

.....

.....

The special conditions attached to this certificate are:

.....

.....

This certificate remains valid from. to

Granted (date)

Signed

REGISTRAR

Date.....



FORM B

UNITED REPUBLIC OF TANZANIA
MINISTRY OF HEALTH GOVERNMENT
CHEMIST LABORATORY AUTHORITY



P. O. BOX 164
DAR ES SALAAM

CERTIFICATE TO DEAL IN RESTRICTED CHEMICALS

(Made under section 30)

Certificate Number

The Registrar of Industrial and Consumer Chemicals, hereby certifies that:

Name

Postal address

Location of the premises

Registration No.

The above – mentioned company has been approved and provisionally/registered in Tanzania to operate as a (Producer, Transporter, Store/warehouse operator, Importer, Exporter or dealer) of the following restricted chemical/s;

1.

2.

3.

4.

5.

The special conditions attached to this certificate are

.....

.....

This certificate remains valid from. to

Granted (date)

Signed

REGISTRAR

Date