

CHAPTER 182

THE INDUSTRIAL AND CONSUMER CHEMICALS (MANAGEMENT AND CONTROL) ACT

[PRINCIPAL LEGISLATION]
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SCHEDEULE

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 **2.** In this Act, unless the context otherwise requires:
- Act No. “advertise”, means the promotion of the sale and use of the chemical by print, electronic media, signs, displays, gift, demonstration or word of mouth;
- 14 of 2019 s. 27 “Board” means the Board for the Government Chemist Laboratory Authority established under section 7 of the Government Chemist Laboratory Authority Act;
- and 28 “CAS” means a unique registry number assigned to a chemical by the Chemical Abstracts Service;
- Cap. 177 “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

Functions
of Chief
Government
Chemist

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

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 other 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

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

- 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;

- (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 warehousing

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 commensurate 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

Funds and
resources of
Government
Chemist
Laboratory
Authority
Act No.

14 of 2019 ss. 27
and 37

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.

Cap. 177

(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.

(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]

Second and
subsequent
offence and
penalties

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

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 or 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 Alluminium Calcium Phosphates and Phosphatic Chalk	
	2510.10.00		Unground
	2510.20.00		Ground
25.11		Natural Barium Sufhate (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
		Inorganic acids and oxygen compounds of non metals	
28.06			Hydrochloric acid and chlorosulphuric acid
	2806.10.00		Hydrochloric acid
	2806.20.00		Chlorosulphuric acid
		Sulphuric Acid, oleum	
28.07	2807.00.00		Sulphuric Acid;oleum
		Nitric Acid, Sulphonic Acids	
28.08	2808.00.00		Nitric Acid, Sulphonic Acids
		Diphosphorus Pentoxide; Polyphosphoric Acids and Phosphoric acids	
28.09	2809.10.00		Diphosphorus Pentoxide
	2809.20.00		Phosphoric acids and Polyphosphoric acids
		Oxides of Boron and Boric acid	
28.10		Other inorganic Acids and other inorganic Oxygen compounds of non metals;	

HEADING	H.S CODE No.	DESCRIPTION	FURTHER DESCRIPTIONS
	2811.11.00		Hydrofloric 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 aquos 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 Stontium 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 Stontium
	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, Hydrioxylamine, 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 peroxysalt, 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, sulphoxylates	
	2831.10.00		Dithionites and Sulphoxylates 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 Precious 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 cements), 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 cements) 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, whether or not chemically defined.	
	2845.10.00		Cerium compounds
	2845.90.00		Other
28.46		Compounds, inorganic or organic, of rare earth metals yttrium or Scandium or 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 amalgans 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 amalgans 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 Hydrocarbone:	
	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		Trichloroflormethane
	2903.42.00		Dichloroflormethane
	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 Nitroated 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 Nitrosaluted Derivatives	
			Acyclic Alcohol and their Halogenated, Sulphonated, Nitrated or Nitrosated 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 Nitrosaluted 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 Cyclotepenic:
	2906.11.00		Methanol
	2906.12.00		Cyclohexanol, Methylcyclohexanols and Isomethylcyclohexanols
	2906.13.00		Sterols and Inolsitols
	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 Derrivatives	
			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), Hydroquinonand 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 cycloterpnic 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-lethers 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, Salphonated 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
		Acetals and Chemiacetals and Single or Complex Oxygen Function Acetals and their Halogenated, Sulphonated, Nitrated or Nitrosated derivataves	
29.11	2911.00.00		Acetals and Chemiacetals And Single or Complex Oxygen Function Acetals and their Halogenated, Sulphonated, Nitrated or Nitrosated Derivataves
		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-methoxybenzaldehyde)
	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 Nirosoated, 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, valeic 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 Deivatives.	
	2916.11.00		Acrylic Acids and its salts
	2916.12.00		Esters of Acrylic Aids
	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, Peoxyacids 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 Benzoy 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 Derivatives;
2917.31.00			Dibutyl Orthophthalates
2917.32.00			Diocyl 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
			Carboxilic 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		Acetysalicylic Acid; its Salts and Esters
	2918.23.00		Other Esters of Salicylic Acid and their Salts
	2918.29.00		Other
	2918.30.00		Carboxilic 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 derivatives 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		Quaternary 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 heterocyclic compounds, Nucleic acids and their salts, and Sulphonamides	
		Organic 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 Tetrahydrofurfuril 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 there of
	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
	3102.80.00		ammonium nitrate
			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
		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)	
32.02	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 on 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 lustres 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 lustres 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, varnish or other paint or enamel media;	
	3208.10.00		based on Polyesters
	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 aqueous 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-acqueous 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 surfacing 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		Propellant powders	
	3601.00.00		Propellant powders
36.02		Prepared explosives, other than propellant powders.	
	3602.00.00		Prepared explosives, other than propellant powders.
36.03		Safety fuses; detonating fuses; percussion or detonating caps; igniters; electric detonators	
	3603.00.00		Safety fuses; detonating fuses; percussion or detonating 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 cm3
	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 furnace 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 Terpene oil produced by distillation or other treatment of coniferous wood; crude dipentene; Sulphide Turpentine and other crude para-cymene; pine oil containing Alpha-terpinene 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 plasticiers for rubber or plastics, not elsewhere specified or included; antioxidanting preparations and other stabilizers for rubber or plastics.	
	3812.10.00		Prepared rubber accelerators
	3812.20.00		Compound plasticiers 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 vanish removers	
	3814.00.00		organic composite solvents and thinners not elsewhere specified or included; prepared paint or vanish 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 Alkynaphthalenes, and other than those of heading No. 27.07 and 29.02	
	3817.10.00		Mixed Alkylbenzenes
	3817.20.00		Mixed Alkynaphthalenes
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		Tally oil 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.

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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		Polyisobutylene
	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 chloride 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 vanish	20 L	40 L
32.09		paints and vanishes (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 terpene oil produced by distillation or other treatment of corniferous wood; crude dipentene; sulphide turpentine and other crude para-cymene; pine oil containing alpha-terpinene 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

GN No.
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 (Diasernictrioxide);
- Bis(chloromethyl)ether;
- Cyanides;
- Diazomethane;
- Dieldrin;
- Dimethylnitrosamine (N-nitrosodimethylamine);
- Dimethylsulfate;
- Napthythiourea (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) carbazole-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) phtalimide
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)azojsalicylato(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-fluorophenol
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]antracene
2903 62	Hexachlorobenzene
2825 10	Hydrazine
2928 00	Hydrazobenzene
2842 90	Leadhydrogène Arsenate
2909 30	Nitrofene (iso); 2,4-Dichlorophenyl-4-nitrophenyl ether
2921 19	Nitrosodipropylamine
2930 20	Sulfallate, (iso); 2-Chloroallyliditehydithiocarbamate
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,-Naphthylamine
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'
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	Cisplatine (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	Dimethylcarbamoylchloride
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	Merfalane
2914 70	2-Methyl-1-nitroantraquinone (1-Nitro-2-methylantraquinone)
2927 00	Methylazoymethanol
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-Nitrosoditehylamine (Ditehylnitrosamine, NDEA, DENA)
2921 29	N-Nitrosodiisopropylamine (Diisopropylamine, NDIPA, DIPNA)
2921 29	N-Nitrosoethylureum (Ethyinitrosureum, NEU, ANDU)
2921 29	N-Nitrosomethylethylamine
2921 29	N-Nitrosomethylurethane
2921 29	N-Nitrosomethylureum (Methyinitrosureum)
2921 29	N-Nitrosomethylvinylamine
2934 90	N-Nitrosomorfoline (NMOR)
2931 90	N-Nitrosornicotine (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 (Glyceroitfinitrate)
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-Naphthylamine 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-Chloronaftalene
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	Antracene
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-acetaidehyde, hydrated)
2915 40	Chloro-acetic acid
2903 59	Chlorodane
2903 69	Chloronaftalenes (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	Dibutyltinoxide
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)
different numbers	Chlorofluoro and bromofluorcontaining hydrocarbons
2903 45 different 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

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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 - Methylenedioxyphenyl - 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-phenylacetoacetonitrile (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	Hydroxylimine 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.

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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 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

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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 AUTHORITYP. 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