

Environmental Management (Control of Hazardous Substances)
(General) Regulations, 2018

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FIRST SCHEDULE: Fees.

SECOND SCHEDULE: Application for licences.

THIRD SCHEDULE: Labelling of hazardous substances.

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IT is hereby notified that the Minister for Environment, Tourism and Hospitality Industry has, in terms of section 140 of the Environmental Management Act [*Chapter 20:27*], made the following regulations:—

PART I

PRELIMINARY

Title

1. These regulations may be cited as the Environmental Management (Control of Hazardous Substances) (General) Regulations, 2018.

Interpretation

2. In these regulations—

“Act” means the Environmental Management Act [*Chapter 20: 27*];

“aerosol” means a hazardous substance dispersed in a gas which can be dispensed from its container by means of a manually operated valve;

“Agency” means the Environmental Management Agency;

“corrosive substance” means any substance which, when in contact with living tissue, will cause destruction of that tissue by chemical action;

“consignor” means a person or firm (usually the seller) who delivers a consignment to a carrier for transporting it to a consignee (usually the buyer) named in the transportation documents;

“Emergency Response Company” or “ERC” means a company licensed by the Agency for the purposes of cleaning up hazardous substances in the event of an accidental spillage;

“flammable aerosol” means an aerosol which, when tested by the method prescribed in the Third Schedule, produces —

- (a) at full valve-opening, a flame projection exceeding 450 mm; or
- (b) at any degree of valve-opening, a flame extending back to the dispenser;

“flammable gas” means a liquefied gas which, when vaporized, is flammable in air at normal pressure;

“flammable liquid” means any liquid which has a flashpoint of 30°C or below;

“flammable solid” means a solid substance, other than an explosive, which is easily ignited and burns with rapidity or with the emission of great heat, or a substance which ignites readily when subjected to any friction;

“flash-point” means the lowest temperature at which the application of a test-flame causes the vapour at the surface of a liquid to ignite but not to continue to burn, as determined by the Abel closed-cup method, described in British Standard 3443;

“GHS” means Globally Harmonised System for the classification and labelling of chemicals;

“hazardous substance” means any substance, whether solid, liquid, or gaseous or any organism which is injurious to human health or the environment;

“large scale commercial farming” means any farming activity which applies hazardous substances on land in the excess of 500 hectares;

- “immediate container” shall not include any inner container which encloses a hazardous substance to prevent spillage within an outer container;
- “irritant substance” means any chemical substance, not corrosive, which, on immediate, prolonged or repeated contact with normal living tissue, will induce a local inflammatory reaction;
- “operator” means the person who owns and operates, or operates pursuant to an agreement with the owner of the mode of transport that is used to transport hazardous substances from one place to another;
- “pesticide” means any substance or formulation registered as a pesticide in terms of the Pesticide Regulations, 2012, published in Statutory Instrument 144 of 2012;
- “port of entry” means any port of entry into Zimbabwe which is appointed as a port in terms of section 14 of the Customs and Excise Act [*Chapter 23:02*];
- “Safety Data Sheet” or “SDS” means an informational form detailing the chemical and physical properties, hazards, and ways of safely handling a hazardous substance;
- “sensitizing substance” means any chemical substance which will cause irritation on living tissue through an allergic or photodynamic process, a hypersensitivity which becomes evident on reapplication of the same substance;
- “toxic substance” means any chemical substance, other than a radio-active substance, which has the capacity to produce personal injury or illness through ingestion, by absorption through the skin or by inhalation;
- “transit permit” means a permit issued under section 10;
- “veterinary remedy” means any substance or formulation which is used, or is manufactured, sold or represented as suitable for use, topically, for the prevention and control of *ectoparasites, and which is registered as a stock remedy in terms of the Stock Remedies Regulations, 1977, published in Rhodesia Government Notice 11 of 1977.

PART II

CLASSIFICATION LABELLING AND HANDLING OF HAZARDOUS SUBSTANCE

Classification and labelling

3.(1) Subject to subsection (2), no person shall manufacture, store, sell, use, import, export, transport or distribute within Zimbabwe, or transit through Zimbabwe a hazardous substance, whether a hazardous substance prescribed in the Third Schedule, consisting of or containing a substance specified in column 1 of the Third Schedule, unless—

- (a) the immediate container of such hazardous substance, or a label securely affixed to that container, has printed or otherwise marked thereon, immediately below the name or the brand name of the product in the main panel, an equivalent triangle which is the colour specified in column 2 of the Third Schedule appropriate to the name of the substance in column 1, and bears within the triangle, in the case of a substance required to bear—
 - (i) a red or amber triangle, a skull and crossbones symbol printed in black, occupying one third of the area of the triangle, and the word “DANGER” printed in black in capital letters in bold-faced type;
 - (ii) a green triangle, with the word “CAUTION” printed in black in capital letters in bold-faced type;
 - (iii) a GHS compliant label which contains a product identifier, signal word, hazard statements, precautionary statements, supplier identification and pictograms;
- (b) the container or its label bears in capital letters in bold-faced type, immediately below the base of the triangle, in the case of a hazardous substance, which is—
 - (i) flammable in terms of Part I of the Third Schedule, the warnings specified in column 3 of that Part; and
 - (ii) specified in Part II of the Third Schedule, the warnings appropriate to that substance specified in column 3 of that Part;

- (c) the container or its label bears in capital letters in bold-face type the words “KEEP OUT OF THE REACH OF CHILDREN”;
- (d) the length of each side of the triangle and the type-size of the words of warnings referred to in paragraphs (a), (b) and (c) are not less than as specified below in relation to the capacity of the container—

<i>Capacity of container</i>	<i>Minimum length of each side of triangle</i>	<i>Minimum type-size of warnings</i>
not exceeding 200 mls	20 mm	6-point
greater than 200 mls but not exceeding 1 litre	30 mm	8-point
greater than 1 litre but not exceeding 5 litres	40 mm	12-point
greater than 5 litres but not exceeding 25 litres	60 mm	18-point
Greater than 25 litres	80 mm	18-point

- (e) the container or its label bears, in close proximity to the triangle, in letters printed from type no smaller, in relation to the capacity of the container, than that specified in paragraph (d)—
- (i) the name and business address of the manufacturer, packer, distributor or seller, as the case may be, responsible for packing and labelling the hazardous substance; and
 - (ii) the chemical or common name and the percentage, on a mass in mass, mass in volume or volume in volume basis, of each substance, specified in column 1 of the Third Schedule, in the container; and
 - (iii) any necessary precautionary measures to be observed in handling, storing and using the hazardous substance to ensure that the health of human beings or animals birds or fishes is not endangered; and
 - (iv) any necessary instructions regarding spillage and the safe disposal or use of the empty container; and the toxic or other harmful effects where applicable;

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- (v) first-aid treatment, where applicable; and
- (vi) the name of the specific antidote, if any:

Provided that—

- (a) the information referred to in this paragraph other than subparagraph (vi), need not be in capital letters or bold-face type;
 - (b) where the requirements of this paragraph require more space than is reasonably available on the container, the prescribed type-size may be reduced to that prescribed for the container in the range of capacities which is next smaller in size, but in no case, to a size smaller than 6-point;
 - (c) the requirements of subparagraph (i) need not be in close proximity to the triangle;
 - (d) where the sole hazard of a hazardous substance is that it is extremely flammable or inflammable, the requirements of subparagraph (ii) need not be complied with;
- (f) the colour of the triangle and any words required to appear on a container or label by this section are in distinct contrast to their background.

(2) In the case of a hazardous substance other than a hazardous substance prescribed in the Third Schedule, containing more than one of the hazardous substances specified in the Third Schedule—

- (a) where subsection (1) require triangles of different colours for different hazardous substances in the hazardous substance to be displayed, one triangle only shall be displayed, which shall be of the colour prescribed in column 2 of the Third Schedule for the hazardous substance in the hazardous substance with the greatest

degree of hazard, and it shall bear the skull and crossbones symbol and the words “DANGER”;

- (b) the warnings prescribed in column 3 of the Third Schedule for each of the hazardous substance shall appear immediately below the base of the triangle in descending order, based on the degree of hazard of the hazardous substances concerned:

Provided that, where two or more of the warnings prescribed for the hazardous substances in a hazardous substance relate to the same nature of hazard, the warning prescribed for the hazardous substance with the greatest degree of hazard only shall appear.

- (3) For the purpose of subsection (2)—

- (a) the degree of hazard of a hazardous substance required by this section to bear a red triangle shall be greater than that of a hazardous substance required to bear an amber or green triangle, and the degree of hazard of a hazardous substance required to bear an amber triangle shall be greater than that of a hazardous substance required to bear a green triangle; and
- (b) “nature of hazard” means the toxic, corrosive, irritant, sensitizing or flammable properties of a hazardous substance.

(4) The Agency may, if it is of the opinion that a hazardous substance has a greater degree of hazard than the most hazardous of its constituents, direct that the colour of the triangle and the warnings for the hazardous substance shall be different from those laid down in column 2 and 3 of the Third Schedule for the substance that poses a greater hazard in the hazardous substance.

(5) Any person required to label a hazardous substance in a red triangle with the words “HAZARDOUS POISON”, whether or not other warnings are also required, shall submit, in writing, his or her proposals for consideration to the Agency for consideration as to whether the labelling complies with the requirements of this section.

(6) The Agency may direct the seller of a hazardous substance to alter any labelling if, in its opinion, the information provided is inaccurate or incorrect or incomplete or does not comply with this section.

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(7) Any person who considers that any hazardous substance should be exempted from compliance with any requirement of this section because of the size of the container, the physical composition of the product of the minor hazard presented by the produce, or for other good and sufficient reasons, may submit to the Agency an application in writing for exemption, giving grounds for support of his or her contention that compliance is impracticable or not necessary for the protection of the health of human beings, flora and fauna.

(8) The Agency may grant or refuse to grant an exemption applied for in terms of subsection (7) on the basis of such facts and any other information which may be available to the Agency.

(9) Notwithstanding anything herein contained, the Agency may grant exemption from one or more of the provisions of this section for such period as it may deem necessary, and subject to such conditions as it may deem fit to impose, and may withdraw any exemption so granted.

General handling of hazardous substances

4. (1) No person shall manufacture, store, sell, use, import, export, transport, or distribute any hazardous substance in a manner which—

- (a) access thereto would present a direct hazard to the public; or
- (b) present a hazard to the environment; or
- (c) could cause contamination to any food, as defined in the Food and Food Standards Act [*Chapter 15:04*], or any other article, substance or mixture of substances which may endanger the health of the environment.

(2) Any person who violates subsection (1) shall be guilty of an offence and liable to a fine not exceeding level fourteen or to imprisonment for a period not exceeding one year or to both such fine and such imprisonment.

Packaging

5. (1) No person shall package a hazardous substance in a container unless the container and its closure—

- (a) will not react chemically or physically with the hazardous substance which it is to contain; and
- (b) are of sufficient strength, under the ordinary risks of handling and transport, to prevent the escape of any of its contents.

(2) The Agency may direct the manufacturer, seller, user, importer, exporter, transporter, and distributor of any hazardous substance to submit for its inspection and approval the container of such hazardous substance.

(3) The specifications of containers for carrying each hazardous substance shall conform to operational guidelines formulated by the Agency from time to time.

Special requirements for handling and repacking of hazardous substances

6. (1) No person shall authorise the handling of any hazardous substance unless he or she ensures that—

- (a) persons handling the hazardous substance—
 - (i) are trained and are aware of the prescribed warning, signs, symbols, and risks involved in exposure to such substances and such person acknowledges, in writing, that they have full knowledge and understanding of the meaning of prescribed warning signs, symbols and risks;
 - (ii) on the conclusion of an operation involving such substance, wash thoroughly with running water all parts of their bodies that could have been in contact with the substances even though any contact may not have been obvious during the operation;
 - (iii) change and launder their protective clothing daily;
 - (iv) wash their waterproof boots thoroughly and dry them;
 - (v) wash their gloves thoroughly before and after removal with soap or detergent and water;
 - (vi) clean their respirators and facemasks thoroughly after by sponging with soapy water followed by sponging with clear water;

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- (vii) take frequent rest breaks to remove protective clothing if high temperatures make the wearing of protective clothing unbearable;
 - (viii) wash as quickly as possible a contaminated body area with soap and water, avoiding scrubbing with a brush;
 - (ix) flush contaminated eyes with cold water, for at least 15 minutes;
 - (x) are brought to immediate medical attention if any of them feel ill while working with the hazardous substance;
 - (xi) wear all appropriate protective clothing or other item of protection against any hazard that has been issued to them;
- (b) persons not handling the hazardous substance are kept from exposure to such substance and are made aware of the risk of exposure;
 - (c) protective clothing is regularly inspected and replaced if damaged;
 - (d) such other precautions relating to a particular hazardous substance as may be specified in any other enactment are complied with; and
 - (e) there is immediately available a person in the organisation who—
 - (i) is capable of administering the appropriate first aid treatment in the event of an accident, and such person is properly equipped and trained for the purpose;
 - (ii) holds a valid first aid certificate of competency issued by a recognised organisation.

(2) All major users and handlers of hazardous substances shall be obliged to implement disaster preparedness mechanisms in line with the procedures articulated in the safety data sheet of each hazardous substance for the safe handling of each product.

(3) The Agency's inspectors shall from time to time check the viability and adequacy of such mechanisms mentioned in subsection (2).

(4) Any person who violates this section shall be guilty of an offence and liable to a fine not exceeding level fourteen or to imprisonment for a period not exceeding one year or to both such fine and such imprisonment.

Suppliers and receivers of hazardous substances

7. (1) Any person who—

- (a) manufactures, stores, sells, uses, imports, exports, transports or, distributes a hazardous substance in the Red category shall ensure that the hazardous substance is loaded onto a vehicle that is licensed in terms of section 10 to carry that particular hazardous substance, and keep a record of how he or she has disposed of the hazardous substance in question;
- (b) receives for value or for no value hazardous substances within the Red category, from a person who imports, manufactures, stores, distributes or sells such hazardous substances, shall maintain a record specifying—
 - (i) the quantity of the hazardous substance received; and
 - (ii) how he or she used such hazardous substance;
- (c) manufactures, stores, sells, uses, imports ,exports, transports or, distributes hazardous substances in terms of this section shall submit a record contemplated in this section to the Agency within 30 working days from the date of recording the use of such hazardous substance:

Provided that the Agency may, as part of its role of environmental protection, and after ascertaining the imported and unused quantities of hazardous substances in the Red category, refuse to issue licences or with reasonable cause withdraw existing licenses of importation, manufacture, storage, distribution and sale of any hazardous substances respectively.

(2) Any person who contravenes this section shall be guilty of an offence and liable to a fine not exceeding level fourteen, or imprisonment for a period not exceeding 1 year or both such fine and such imprisonment.

*Handling of cyanide and mercury as well as their related
derivatives or products*

8. (1) Prior consent for the manufacturing, storing, selling, using, importing, transporting, distributing of cyanide and mercury as well as their related derivatives or products within the country shall be sought from the Agency and each individual or organisation which undertakes the distribution, use or storage of such substances must keep a record and be able to account for all quantities handled by them at any given time.

(2) In addition to keeping a record, a comprehensive report must also be produced and made available to the Agency detailing—

- (a) the quantities of mercury or cyanide distributed, used or stored in every month;
- (b) the products or processes in which mercury, cyanide, or cyanide compounds was used;
- (c) the sources of supply from which the mercury, cyanide or cyanide compounds was purchased;
- (d) the amount of mercury, cyanide or cyanide compounds in any products sold; and
- (e) any plans to phase out the use of mercury, cyanide or cyanide compounds in the products or processes.

(3) The Agency, in consultation with the Ministry of Mines and Mining Development and ZIMRA shall—

- (a) keep a record of all traffic in and out of the country of such substances and shall set limits in relation to quantity of such products that may be considered as acceptable and safe to have in the country at any point in time;
- (b) if and when such limits have been reached or exceeded, issue an order directing the suspension of traffic into the country of such substances until such a time the Agency is satisfied that the levels are sufficiently low enough to allow replenishment.

(4) Any person, may by application to the Agency, make a special request to be allowed entry of such substances during the period of limitation if they are able to show that it is of absolute

necessity that they be allowed to transport their product through or into Zimbabwe:

Provided that such transporter is registered with a local ERC. In the case that they are not registered such transporter will only be allowed to transport their product through or into Zimbabwe under EMA escort at the transporters cost.

(5) If there are non-mercury or non-cyanide alternatives that are locally accessible, affordable and effective then that particular mercury or cyanide based product will be prohibited for import into the country.

(6) The storage and transportation of cyanide and mercury as well as their related derivatives or products shall be carried out in accordance with guidelines in the SDS, and the agency shall conduct random spot checks periodically to ensure that the recommended guidelines are being followed.

(7) Any person who fails to adhere to an order given by the Agency in relation to transportation of such substances at any given time shall be guilty of an offence and liable to a fine not exceeding level 14 or to imprisonment for period not exceeding twelve months or to both such fine and such imprisonment.

Use of pesticides and other toxic substances in public health pest control or veterinary vector control

9. No person shall use herbicides, pesticides, fungicides or any toxic substances for public health pest control or veterinary vector control or for large scale commercial farming without a licence issued by the Agency in terms of section 10.

PART III

LICENSING

Manufacturing, storing, selling, using, importing, exporting, transporting, of hazardous substances or movement thereof to be licensed or permitted

10. (1) No person shall—

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- (a) manufacture, store, sell, use, import, export, transport or distribute hazardous substances specified in the Third Schedule except under the terms of a hazardous substance licence obtained at any office of the Agency; or
- (b) transport in transit through Zimbabwe any consignment of hazardous substances by any means except under the terms of a permit issued by the Agency.

(2) any person licensed under subsection (1) shall at all times keep a copy of the license or permit at the licensed premises or transport conveyance and make a certified copy available for inspection upon request by an authorised inspector.

(3) Any person who contravenes subsection (1)(a) and (b) shall be guilty of an offence and liable to a fine not exceeding level 14 or imprisonment for a period not exceeding one year or both such fine and such imprisonment.

(4) In addition, any hazardous substance being imported, manufactured, stored, sold, in contravention of this section, shall be liable to seizure in accordance with section 11.

(5) Upon expiry of a hazardous substance licence, any person who is manufacturing, storing, selling, using, importing, transporting, distributing hazardous substances, may continue to do so within the ambit of the said expired licence —

- (a) between the date of expiry and the date on which he or she is enjoined to lodge his or her application for renewal of the licence in terms of section 12; and
- (b) after lodging his or her application for a licence until his or her application is determined in terms of these regulations:

Provided such person shall not be charged with contravening subsection (1) if he or she produces to the Agency or police officer a valid receipt showing payment of the application fee that was submitted together with the application form.

Application for licence

11. (1) Any person wishing to manufacture, store, sell, transport, import; export, or use a hazardous substance in any of the classes

of hazardous substances must submit to the Agency four copies of the application form prescribed in the Second Schedule and submit together with the fee prescribed in the First Schedule (which is non-refundable).

(2) The Agency shall, no later than 30 working days after receiving an application for a licence—

- (a) approve the application unconditionally; or
- (b) approve the application subject to specified conditions; or
- (c) reject the application for specified reasons.

(3) If the Agency finds that the application form has not been properly completed or it requires further information in connection with an application, it must remit a copy of the application back to the applicant to enable the applicant to take the remedial action or furnish the additional information requested (in which event the 30-day period shall run from the date when the applicant retransmits the application back to the Agency having taken the remedial action or furnished the additional information requested).

(4) If the Agency fails within the period stipulated in subsection (2) to indicate to the applicant that it has approved with or without or rejected an application, the applicant shall be entitled to assume that the application has been approved, with or without conditions.

(5) As soon as possible after a decision on an application is made, the Agency shall notify the applicant of the granting or rejection of the application for a licence by giving the applicant a copy of the application whereon it is indicated whether the application is granted or rejected and, if rejected the reasons for the rejection:

Provided that where an application is rejected or granted with conditions the Agency shall inform the applicant of his or her right of appeal under section 31.

- (6) Every licensee shall—
 - (a) at every place where he or she manufactures, stores, distributes or sells hazardous substances, display or have available an original or certified copy of his or her licence; and

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- (b) on demand by any person who produces proof to the licensee that he or she is—
 - (i) an inspector; or
 - (ii) a police officer;

produce to that person an original or certified copy of the licence authorising him or her to manufacture or store, distribute or sell hazardous substances:

Provided that if the licence so produced is in the name of another person who transferred the licence to the person holding it in accordance with an approval obtained pursuant to section 15(1), the person holding it shall, in addition to producing such licence, also produce proof of such approval.

Issuance, duration, surrender and renewal of licences

12. (1) Every licence shall be valid for a period of 12 months starting from the date of issuance, unless it is earlier surrendered to or cancelled by the Agency.

(2) If an application for a licence is successful (whether approved with or without conditions by the Agency or deemed to have been approved by him or her in terms of section 11(4)), the Agency shall—

- (a) inform the applicant accordingly in accordance with section 11(5); and
- (b) issue to the applicant a licence upon payment by the applicant of the prescribed issuance fee; and
- (c) make an appropriate entry in the licensing register.

(3) If a licensee ceases to operate as such, he or she shall, within 30 working days of ceasing to import, export, manufacture, store, sell, use or transport hazardous substance, surrender his or her licence to the Agency from whom he or she obtained it.

(4) Upon expiry of a licence, a licensee may renew it by making an application therefore no later than 31 working days after the expiry of the existing licence by submitting—

- (a) an application for renewal form, where there has been no material change in the details of the application for

the existing licence, together with the prescribed renewal fee;

- (b) an application for hazardous substance licence, where there has been any material change in the details supplied in or together with the original application for the existing licence, together with the prescribed application fee for an original licence;

(5) Upon receipt of an application for the renewal of a licence—

- (a) in terms of subsection (4)(a), the Agency shall satisfy itself that the application for renewal form contains all the necessary information and that there has been no material change of the details of the existing licence, and if so satisfied, shall issue new licence;
- (b) in terms of subsection (4)(b) the Agency shall satisfy itself of all the necessary information as if it were a application for a new licence in terms of section 11.

(6) Any person who contravenes subsection (3) shall be guilty of an offence and liable to a fine not exceeding level 5.

Suspension or cancellation of licences

13. (1) Subject to subsections (2) and (4), the Agency may at any time suspend (for a period not exceeding 60 working days) or cancel any licence if the Agency has reasonable grounds for believing that—

- (a) the licence was issued in error or through fraud or misrepresentation or non-disclosure of a material fact by the licensee; or
- (b) the licensee has contravened any provision of the Act or these regulations or any condition of his or her licence; or
- (c) the licensee has ceased the licensed operations.

(2) The Agency shall notify the licensee in writing of its intention to suspend or cancel his or her licence and the reasons for doing so, and shall call upon the licensee to show cause, within 14 working days from the date of the notice, why the licence should not be suspended or cancelled, as the case may be:

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Provided that if in the opinion of the Agency the licence needs to be immediately suspended or cancelled in the public interest or to avert an environmental emergency he or she can issue the notice requiring the licensee to show cause after suspending or cancelling the licence.

(3) If, at the expiry of the period specified in the notice given in terms of subsection (2), and after considering any representations made by the licensee, the Agency is satisfied for any reason specified in subsection (1) that the licence concerned should be suspended or cancelled, the Agency shall, by notice in writing to the licensee, suspend or cancel the licence or take such other action as it considers appropriate.

(4) The penalty of suspension is only available where there has been a contravention of any provision of the Act or these regulations or any condition of a licence which, in the opinion of the Agency, is a contravention that can be easily or speedily remediated by the licensee:

Provided that—

- (a) if after the expiry of the period of suspension the licensee has not taken the remedial action, the Agency shall forthwith cancel the licence; or
- (b) on good cause shown by the licensee, the Agency may extend the suspension for a period not exceeding 30 working days to allow the licensee to take the required remedial action.

(5) The Agency shall immediately make an appropriate entry in the register of licences where he or she suspends or lifts a suspension of any licence or cancels it in accordance with this section.

Amendment and replacement of licences

14. (1) The Agency may at any time amend a licence or any terms or conditions of a licence—

- (a) to correct any error in the licence; or
- (b) if the licensee requests the amendment; or
- (c) if the Agency considers the amendment necessary to reflect the true nature of the licensed activities; or

(d) if for any other reason the Agency considers the amendment necessary or desirable in the interests of the environment or in the public interest.

(2) The Agency shall notify the licensee in writing of its intention to amend a licence on a ground referred to in subsection (1) (a), (c) or (d) and shall call upon the licensee to show cause, within 14 working days from the date of the notice, why the licence should not be amended.

(3) Where a licensee requests an amendment to his or her licence, he or she shall make an application to the Agency therefore, together with the prescribed fee.

(4) If in the opinion of the Agency the amendment sought by the licensee is a material amendment, section 11(2), (3), (4) and (5) shall apply as if the application for the amendment is an application for a licence.

(5) Where a licence is lost or destroyed, the licensee may apply to the Agency, together with the prescribed fee, for a replacement licence:

Provided that if the licensee finds the lost licence he or she shall forthwith surrender it to the Agency.

(6) Any person who contravenes the proviso to subsection (5) shall be guilty of an offence and liable to a fine not exceeding level 5.

General conditions of licence

15. (1) A licence issued in terms of these regulations shall not be transferable to any other person, except with written approval of the Agency.

(2) Where a licence has been transferred the Agency shall not amend the licence or corresponding entry in the register of licences except on the date when the licence is next renewed in accordance with section 12.

(3) A licence shall be valid for a period of 12 months starting from the date of issuance.

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(3) The Agency may, at any time while a licence is in force, review it and amend or cancel it where there has been any material change in the circumstances in respect of which it was originally issued or any failure on the part of the licence holder to comply with any of its terms or conditions.

(4) A licence shall relate only to the particular facility or method in respect of which it was issued and not to any other such facility or method or to any substantial alteration or modification of the facility or method originally licensed. A facility or person that manufactures, sells, imports or uses all sorts of classes of hazardous substances shall be registered for the red category and be authorised to deal with the other classes without necessarily having to pay for the registration of other classes of hazardous substances.

(5) The Agency shall monitor compliance with the terms of the licence, for which purpose the licence holder shall allow the Agency duly authorised access to the storage site during normal working hours or any other time as the circumstances may require, for the purposes of inspection and the collection of samples.

(6) The holder of a licence other than that relating to substances in the red category shall compile and submit within a period of six months ending on the 30th June and 31st December in each year to the Agency a bi-annual return of the total volume or mass of hazardous substance and of the quality and nature of hazardous substance disposed of by the licence holder no later than 14 working days after the quarter to which the return relates.

(7) Every licence holder shall maintain records of all relevant information pertaining to management of the licensed hazardous substances, which includes but is not limited to accidental discharges and pertinent correspondence with the Agency and these records shall be retained and available for inspection at the request of any officer of the Agency for a period of five years.

(8) Every licence holder who violates this section shall be guilty of an offence and liable to a fine not exceeding level 5 or to imprisonment for a period of one year or to both such fine and such imprisonment.

Register of licence and public information

16. (1) The Agency shall keep a register of licences issued in terms of these regulations in which the following information shall be recorded—

- (a) the name and address of the licence holder, the addresses at which he or she manufactures, stores or sells hazardous substances; and the location of the site of the disposal in respect of which the licence is issued and the facility or method involved in the disposal;
- (b) the date on which the licence was issued, renewed or amended;
- (c) the class of licence that was issued, renewed or amended;
- (d) the term of the licence's validity;
- (e) the particulars of any cancellation or suspension of the licence and of the restoration of any such cancelled licence or the termination of any such suspension;
- (f) such particulars as the Agency may deem fit.

(2) The register of licences shall be open to inspection by members of the public at all reasonable times and at such premises as the Agency may determine on the payment of a fee prescribed in the First Schedule.

Seizure

17. (1) If a person is charged with contravening these regulations, the Agency or a police officer may seize—

- (a) any hazardous substance being imported, manufactured, stored, sold, used, or transported in contravention of these regulations; and
- (b) any vehicle or other equipment used in connection with the importation, manufacturing, storing, selling, use or transportation of a hazardous substance in contravention of these regulations pending the outcome of the prosecution of the offence.

(2) Where a vehicle or other equipment is seized under subsection (1), and the person from whom it is seized alleges that the

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vehicle or equipment used in connection with the offence concerned was availed to him or her by another person who owns the vehicle or equipment, the vehicle or equipment shall still be liable to seizure under this section unless the owner proves to the satisfaction of a court of law that he or she was unaware that the vehicle or equipment would be so used.

(3) All items which have been seized under subsection (1) shall—

- (a) be taken forthwith and delivered to a place of security under the control of a Agency or police officer; and
- (b) be held in custody at the owner's risk until—
 - (i) the criminal proceedings in connection with which those items have been seized are abandoned or discontinued or are concluded otherwise than with the conviction of the accused, in which event the custodian licensing authority or police officer shall forthwith restore such items to the person from whom they were seized or to whom they belong, as may be appropriate; or
 - (ii) at any time before plea in the criminal proceedings, the accused person acquires the appropriate licence or permit and the charge is, with the leave of the Prosecutor-General, withdrawn, in which event the custodian, Agency or police officer shall forthwith restore such items to the person from whom they were seized or to whom they belong, as may be appropriate; or
 - (iii) the criminal proceedings have resulted in the conviction of the accused person, in which event the convicting court may order any such items to be forfeited to the State or returned to the accused person, as it deems fit in the circumstances.

(4) The Agency shall establish and maintain a register of items seized under this section to be known as the seized items register, in which the Agency shall record the following—

- (a) description of seized items including, where necessary, their quantity; and

- (b) the name of the person from whom they were seized and the place at which they were seized and the reason for seizure; and
- (c) the date of seizure; and
- (d) the manner of eventual disposal (whether returned to the person referred to in paragraph (b) or forfeited to the State).

(5) Any person who conceals or disposes of any items deemed seized by the Agency or a police officer in terms of subsection (1) shall be guilty of an offence and liable to a fine not exceeding level 6 or imprisonment for a period of one year or both such fine and imprisonment.

PART IV

TRANSPORTATION OF HAZARDOUS SUBSTANCES

Interpretation of Part

18. In this Part—

“consignee” means a party (usually a buyer) named by the consignor (usually a seller) in transportation documents as the party to whose order a consignment will be delivered at the port of destination and “consignor” shall be construed accordingly;

“operator” means the owner of the transportation vehicle being used to transport hazardous substances.

General transportation requirements of hazardous substances

19. (1) Where an outer container of one or more groups of hazardous substances, is consigned for conveyance by road, rail, air, pipeline or water shipment, the outer container shall be labelled in terms of section 3.

(2) No operator shall transport any type of a hazardous substance consignment whether by air, road, water, pipeline or rail without a licence issued to the operator by the Agency.

(3) The requirement of a licence to transport shall apply to substances that are corrosive, flammable, toxic, carcinogenic,

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tetratogenic, or any substance listed in the Third Schedule or as the Agency shall advise from time to time.

(4) Any person who transports hazardous substances, or is required to store hazardous substances in a container, shall use a container that is designed, constructed or lined with materials that are compatible with the hazardous substance.

(5) A person who uses a container to store or transport a hazardous substance shall—

- (a) keep the container closed at all material times during storage or transportation; and
- (b) not open, handle, store, or transport the container in a manner which may cause it to leak or rupture.

(6) No person shall store or transport in the same container—

- (a) two or more hazardous substances which are not compatible; or
- (b) a hazardous substance which is not compatible with any substance placed in the container.

(7) No person shall place a hazardous substance in a container that may react with the substance or a substance that was previously stored or transported in that container.

(8) No person shall store or transport a hazardous substance in a small inside container within a lab pack unless—

- (a) the container is enclosed within an open head metal labpack which has a tight fitting gasketed lid; and
- (b) the container is not leaking and is securely sealed;
- (c) the container of hazardous substance is put inside a clear plastic container not less than 50 micrometres thick which is sealed before being placed inside the lab pack;
- (d) the substance within the container is identifiable either by—
 - (i) the original label on the container; or
 - (ii) a new label applied to the container or plastic bag stating the correct shipping name;

- (e) sufficient inert packing material is used to fill all spaces between the inside containers so as to prevent accidental breakage and leakage;
- (f) a list of the contents and size of each container is—
 - (i) retained for inspection by an officer while the hazardous substance is being stored;
 - (ii) attached to the manifest while the hazardous substance is being transported.

(9) No person shall store or transport a hazardous substance unless it is placed in a container or otherwise secured so that under normal conditions of storage or transport the hazardous substance does not leak or escape into the environment.

(10) Every transporter or person in control of a hazardous substance shall display a hazardous substance transportation licence on a visible location on the conveyance and ensure that the licence can be accessible at any time during the shipment of the hazardous substance in the event that an authorised inspector of the Agency demands it.

(11) No vehicle transporting hazardous substance shall travel late in the night and early in the morning between 1800 hours and 0600 hours.

*Importation and transit of hazardous substances through
Zimbabwe*

20.(1) The transit through Zimbabwe of hazardous substances by a foreign operator is prohibited unless under a transit permit issued by the Agency per consignment, and notification is made to the Agency by either or both of the following—

- (a) the State from which such substance originate or the generator or exporter of those substances in that State, and the Agency has acknowledged and assented to such notification in writing;
- (b) the State for which such substances are destined, or the importer of those substances in that State, and the Agency has acknowledged and assented to such notification in writing.

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- (2) For the purposes of subsections 1(b) and 2(b), the Agency—
- (a) shall endeavour to respond to a notification within 15 working days of receiving it;
 - (b) may give its general assent to the multiple transit through Zimbabwe of hazardous substances on condition that the substances which are the subject of the notification—
 - (i) are carried in transit regularly by the same exporter to the same importer via the same ports of entry and exit in terms of an agreement or contract between the parties concerned;
 - (ii) have the same physical or chemical properties on every occasion they are so carried in transit:

Provided that such assent may not be given for a period of more than a year at a time and each consignment shall be given a separate transit permit.

(3) The notification in terms of subsection (1) should contain the following information—

- (a) chemical composition of the substance;
- (b) quantities;
- (c) mode of transport;
- (d) packaging;
- (e) port of entry;
- (f) destination;
- (g) designated/regulated routes to be used;
- (h) the Safety Data Sheet (SDS) specifying all procedures to be followed when a spillage occurs; and
- (i) any other relevant information the Agency may require.

(4) The transit through Zimbabwe of hazardous substances is prohibited unless under a transit permit and—

- (a) such substances are exported by or imported to a State—
 - (i) that is a contracting party to the Basel Convention; or
 - (ii) under a bilateral or multilateral agreement to which both States are a party;

(b) notification is made to the Agency by the State from which such substance originate or the generator or exporter of those substances in that State, and the Agency has acknowledged and assented to such notification in writing.

(5) A copy of the relevant notification and proof of assent thereto issued in terms of subsections (1), (2), (3), or (4) shall be carried by the operator transporting the hazardous substances.

(6) Before a transit permit is issued by the Agency, the applicant shall satisfy the Agency that the applicant has entered into an agreement with a local emergency response company that will be responsible for the immediate environmental remediation in the event of an accidental spillage.

(7) All locally registered transporters shall be required to apply for a hazardous substances transportation licence from the Authority.

Responsibilities of the consignor in the safe transportation of hazardous substances

21. (1) The consignor of hazardous substances for transport by road, air, ship, pipeline, or any other form of conveyance shall be responsible for ensuring that—

- (a) the hazardous substances are correctly classified in accordance with these regulations;
- (b) the consignee should ensure that the chemical composition of the substance corresponds with the information in the clearance documents;
- (c) the vehicle carrying the hazardous substances displays a licence to transport hazardous substances;
- (d) loading of the hazardous substances is carried out by qualified persons trained in the relevant handling procedures;
- (e) information on the placards corresponds to the hazardous substance being transported;
- (f) the container is compatible with the substance being transported.

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(2) All consignors and their agents to provide the driver and consignees with the relevant Safety Data Sheet and the detailed procedure for cleaning up the hazardous substance in case of accidental spillage.

Responsibilities of the operator in the safe transportation of hazardous substances

22. (1) The operator shall ensure that a valid hazardous substances licence is displayed on the vehicle used for the transportation of the hazardous substances.

(2) The vehicle shall be fitted with a satellite tracking-system that will be made accessible to the local ERC.

(3) The operator shall have a contractual agreement with a local ERC registered by the Agency.

(4) The operator shall follow the designated or regulated routes on Zimbabwe National Roads and those of the local authorities.

(5) The operator shall inform the local ERC seven working days in advance of the travel schedule and routes through which the vehicle will pass, and shall provide them with full information regarding the quantity and composition of the product to be transported as well as the make of truck, registration numbers, nature of consignment and type of containers.

(6) The operator shall ensure that the driver undergoes annual training, conducted by an accredited training provider for good driving practices for drivers of hazardous substances.

(7) The operator shall ensure that the driver of a vehicle containing hazardous substances is properly trained to the class of vehicle being driven and has received basic training on how to handle an accidental spillage.

(8) The operator shall, on being informed of an incident involving one of his vehicles, ensure that the Agency, ERC, Zimbabwe Republic Police, have been informed, and if any injury, fire, explosion or spillage has occurred, the operator shall prepare an incident report and submit it to the Agency within 24 hours of the incident.

(9) The operator shall ensure that safety equipment required by the driver in accordance with the Safety Data Sheet is provided and that the driver is trained in the operation of such equipment.

(10) The operator must ensure that the truck carrying hazardous substances must always go through a weighbridge at the port of entry.

(11) If a vehicle transporting hazardous substances is overloaded ZIMRA and the Agency may deny entry or clearance at the port of entry after verifying the load at the weighbridge.

(12) The operator should ensure that all the vehicles transporting hazardous substances do not carry passengers.

Responsibilities of the driver in the safe transportation of hazardous substances

23. (1) The driver of a vehicle carrying hazardous substances shall—

- (a) carry a road fitness or worthiness certificate and ensure that the vehicle itself is roadworthy;
- (b) have a Hazardous Substances Driving permit from an institution recognised by the Agency and carry it on his or her person;
- (c) be medically fit to drive.

(2) Before proceeding on the route, the driver shall ensure that—

- (a) a valid hazardous substance carrying licence is displayed;
- (b) at the start of his journey, or after every overnight stop, go through the daily vehicle inspection check list and ensure the vehicle defects or leaks, if any are noted and cause them to be repaired;
- (c) the vehicle is free of any product likely to contaminate the load or create a safety hazard.

(3) Every driver of a vehicle transporting hazardous substances is allowed a maximum of five and a half hours of continuous travel at which point they will be obliged or required to rest for a minimum time of fifteen minutes before continuing with their journey.

Consignee

24. The Consignee shall be responsible for the safe offloading of the hazardous substances and in the event of an anomaly should report to the Agency within 24 hours of offloading the consignment.

PART V

MEASURES TO DEAL WITH EMERGENCIES

Emergency Response Company

25. (1) Any interested persons may submit applications together with an application fee, prescribed in the First Schedule, to be considered for registration with the Agency as an Emergency Response Company (ERC) for the purpose of cleaning up any hazardous substance spillages that may accidentally occur within Zimbabwe.

(2) The invitation contemplated in subsection (1) shall call upon persons to submit applications to the Director General through the various Provincial Environmental Managers—

- (a) expressing interest in providing clean-up of hazardous substance spillages;
- (b) indicating their company profile;
- (c) providing proof that the company has the capacity to provide the required services, in terms of the technical guidelines provided by the Agency at the time of invitation for applications.

(3) Where the Director General has considered submitted applications he or she shall—

- (a) when satisfied that all requirements were met by the applicant, accept such application and register such company in the register of the Emergency Response Companies (ERC); or
- (b) when not satisfied that the requirements have been met, reject such application in writing giving reasons thereto.

(4) The persons who will be appointed as ERCs shall serve in that capacity for one calendar year on a payment of a prescribed annual fee, and shall be deregistered on the basis of—

- (a) incompetence;
- (b) lack of capacity;
- (c) liquidation of the Emergency Response Company; and
- (d) misrepresentation and fraud.

Accidental spillages of hazardous substances

26. (1) In the event of any accidental discharge of hazardous substances, from the generation plant, point of use, storage facility, or transportation vessel, the owner or any person in control of the hazardous substance shall within one hour, orally notify the Agency, the ERC, Zimbabwe Republic Police (ZRP), Civil Protection Unit and District Administrator in the area where the accidental discharge occurred, and in writing within 24 hours of the accidental discharge and, supply the Agency with information on the circumstances of the accidental spillage which include the following—

- (a) the Safety Data Sheet (SDS);
- (b) the quality of the hazardous substance accidentally discharged;
- (c) the time the accident occurred;
- (d) the location the accident occurred;
- (e) the impacts that the accident has already caused or will cause to the environment;
- (f) the plan of action that is to be taken to mitigate against the apparent environment impacts;
- (g) the notification of all users of the receiving environment who are or may be affected by the accidental discharge.

(2) Where an accidental spillage of a hazardous substance has occurred, the operator or any person in control of the mode of transportation shall—

- (a) carry out any such emergency procedures as indicated on the safety data sheets then ensure that the Agency is informed as required not later than 24 hours;
- (b) compensate any losses incurred by any stakeholders as a result of the accidental discharge;

(3) In the event of traffic accidental spillage, the vessel, consignment and everything else belonging to the operator shall be in the custody of the Police until the operator satisfies the Agency that all clean-up operations and associated costs are or will be settled by the operator in which case the Agency will issue clearance in writing to the operator and to the officer in charge for the release the of seized property.

(4) After the clean-up process is completed, the operator should ensure that the wreckage and any debris in the surrounding area are removed to a designated site so as to prevent any further harm to the environment or accidents.

(5) A record of the spillage shall be kept by the Agency and the Agency shall also, after the clean-up exercise, continue to monitor the area so as to note and combat any latent effects of the spillage the cost of which shall be borne by the operator if any such effects come up.

(6) Any operator who, without just cause, fails to comply with this section shall be guilty of an offence and liable to pay a fine not exceeding level 14 or imprisonment for a period not exceeding 1 year or to both such fine and such imprisonment.

PART VI

MISCELLANEOUS PROVISION

Exemptions from application of these regulations

27. (1) These regulations shall not apply to producers of—
- (a) ink or rigid or semi-rigid ball-point cartridges;
 - (b) ink in porous-tipped ink-marking devices in which the ink is held by an absorbent material so that there is no free liquid within the device;
 - (c) dry ink intended for use as a liquid after the addition of water, provided that the dry ink concentrate in a single container does not have a mass greater than 100 mgs;
 - (d) shoe, car, furniture, floor and other wax polishes in respect of solvents:

Provided that the viscosity of such products is such that they will not flow from their opened containers when inverted for five minutes at 30° C;

- (e) polishing or cleaning products which consist of a carrier of solid, particulate or fibrous composition in respect of solvents, if such solvents are fully absorbed by the solid, semi-solid, or fibrous carrier;

- (f) single-use spot-removers which consist of pads of cotton or other absorbent material saturated with solvents in respect of such solvents, provided that the total amount of solvent in each container does not exceed 10 millilitres.
- (2) The transportation of hazardous substances is strictly prohibited unless—
 - (a) the goods being transported are used for the operation of the vehicle carrying them, for example fuel in the fuel tank of a vehicle; or
 - (b) the carriage of hazardous goods is undertaken by private individuals where the goods are packaged for the individuals personal or domestic use; or
 - (c) carriage of hazardous substances is undertaken under the supervision of the emergency services, in particular by breakdown vehicles towing vehicles containing hazardous substances which have been involved in accidents or that have broken down; or
 - (d) the emergency transport of hazardous substances is intended to save human lives or for the protection of the environment, provided that all necessary precautions are taken for the transport of such substances in complete safety.

Designation of ports of entry

28. (1) Every port of entry shall be a point of inspection for the conveyance of hazardous substances for the purposes of this Act.

(2) The following places are designated ports of entry for the purpose of these regulations subject to any changes that may be effected in terms of the Customs and Excise Act [*Chapter 23:02*]—

- (a) Harare, Bulawayo, Victoria Falls, Kariba, Hwange and Charles Prince airports;
- (b) Beitbridge, Chirundu, Forbes, Nyamapanda, Plumtree, Kazungula, Kariba, Victoria Falls, Kanyemba, Mukumbura, Chikwarakwara frontier posts and any other frontier post that may be designated.

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Persons authorised to inspect, and collect fees

29. (1) The Agency is hereby specified as the person authorised to inspect vessels, vehicles and pipelines, conveying hazardous substances and hazardous waste into, within or out of Zimbabwe.

(2) Every owner or person in control of a vessel or vehicle that enters into Zimbabwe with hazardous substances shall be required to pay to the Agency a fee for a transit permit or importation licence specified in the First Schedule before entering into or through Zimbabwe.

Offences and penalties

30. (1) The Agency through its authorised officers, may issue to any offender who contravenes any part of these regulations with a penalty fine:

Provided that no such penalty fine shall exceed level 14.

(2) After the lapse of the deadline for the payment of the default, the Agency will not accept payment, but refer the offender to Court for enforcement of the fine and the default penalty.

(3) Any person who—

- (a) causes a hazard to the health of any human being or any animal, flora or fauna by failing to exercise all care in the manufacture, handling, conveyance, storage, display, use or disposal of any hazardous substance; or
- (b) provides the Agency with information which is false or which the Agency believes to be deliberately false;

shall be guilty of an offence and liable to a fine not exceeding level 14, or to imprisonment for a period not exceeding one year or to both such fine and such imprisonment.

(4) A court convicting a person of an offence under these regulations may order the person to do any one of the following—

- (a) to take such remedial action, specified by the court on the advice of the Agency, as it may be necessary to restore the environment or works affected by the offence; or
- (b) to reimburse the Agency for any remedial action taken by it; or

(c) to pay compensation for any damage caused by the offence.

(5) Any person who knowingly provides false information on records concerning hazardous substances for which they hold a licence shall be guilty of an offence and liable to a fine not exceeding level 14 or imprisonment for a period not exceeding five years or to both such fine and imprisonment.

Appeal against decision of an Inspector, Agency

31. (1) Any person who is aggrieved by any decision of an Inspector shall appeal to the Director-General in terms of section 129 of the Act.

(2) Any person who is aggrieved by any decision of any authority shall appeal to the Minister in terms of section 130 of the Act, submitting with his or her appeal the fee prescribed in the First Schedule.

Repeals

32. The regulations specified in the Fourth Schedule are repealed.

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FIRST SCHEDULE (*Sections 9, 10, 12, and 31*)

1. FEES

Registration fees for manufacturers, importers, storage and users of hazardous substances per facility, manufacturer, importer, sellers of hazardous substances.

Type of registration	Annual	Licence	Fee US \$
1. Manufacturer, user, importer, seller, storage of hazardous substances/products per plant, per person, per premise respectively, per year			
	(i)	Red	610,00
	(ii)	Amber	470,00
	(iii)	Green	310,00
2. Issue of a duplicate licence	(iv)		20,00
3. Operators of hazardous substances/products per vessel per year			
	(i)	Red	1 000,00
	(ii)	Amber	620,00
	(iii)	Green	400,00
4. Agrochemicals -Storage And Use License:			
	Red	Amber	Green
Sole agrochemicals merchants /trader/agent/ dealers with<100 kg	\$25,00	\$15,00	\$10,00
Sole agrochemicals merchants/trader/agent/ dealers with>100 kg-1000 kg in store per given period	\$60,00	\$40,00	\$30,00
Agrochemical storage and use with >1000 kg in store per given period.	\$640,00	\$500,00	\$340,00
Sole traders petroleum merchants/traders/agents storing >100 kg per given period		\$200,00	
5. Fees for appealing against the decision of the Agency			\$10,00

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2. LEVIES

1. *Transit levy for transporting hazardous substances or products per vessel per transit:*

	Fee charged US \$		
Through pipeline:			
For foreign operators	0.02 per litre		
For local operators	0.01 per litre		
Foreign operators			
WEIGHT in Tons (T)			
	GREEN	AMBER	RED
Less or equal to 10 T	10	20	30
More than 10 T but not exceeding 20T	20	40	60
More than 20 T but not exceeding 30T	30	60	120
More than 30 T but not exceeding 40T	40	80	160
More than 40 T	50	100	200

2. *Transit levy for transporters of hazardous waste per vessel per transit:*

WEIGHT in Tons (T)	AMOUNT CHARGED/US\$		
	GREEN	AMBER	RED
Less than or equal to 10 T	500	750	1 000
More than 10 T and up to 20 T	1 000	1 500	2 000
More than 20 T and up to 30 T	1 500	2 250	4 000
More than 30 T and up to 40 T	2 000	3 000	5 500
More than 40 T	2 500	3 750	7 000

Transit levy for Transporting hazardous substances or products.

Notes —

- (a) The registration fee will be billed annually in advance for local operators and per transit for foreign companies.
- (b) If no information is submitted then the levies will be based on the previous quarter's data plus 50% or the inspector's estimate, whichever is the higher.
- (c) All invoices will be payable within 30 days of issue and interest will be charged in accordance with the Agency financial policy.
After 60 days the debt will be handed over to debt collector and a penalty of 50% of the principal debt will be charged.

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- (d) For the avoidance of doubt, all fees will be adjusted by an inflation correction factor, i. (the ratio of the current Consumer Price Index (CPI) to the CPIo of the base year given as follows.—CPI/CPIo. The base year is December 2006 and i. for the base year is 1.
- (e) Administration fee of 5% is charged on all levies.

SECOND SCHEDULE (Sections 9, 10)

1. APPLICATION FOR A HAZARDOUS SUBSTANCE LICENCE

(This form must be completed in respect of each premise to be licensed as a manufacturer, importer or storer, seller, operator or user of hazardous substances)



APPLICATION FOR ISSUE, RENEWAL OR AMENDMENT OF
HAZARDOUS SUBSTANCE LICENCE

ENVIRONMENTAL MANAGEMENT (CONTROL OF HAZARDOUS
SUBSTANCES) (GENERAL) REGULATIONS, 2018

(This form must be completed in respect of each premise to be licensed as a manufacturer, importer or stocker, seller, transporters or user of hazardous substances products)

To the licensing officer for Hazardous Substances and Articles.

- 1. Full name of applicant:
- 2. Address of applicant:

Tel. No.: Cell No.:

Certificate of Incorporation No.

- 3. Full name and address of premises to be licensed, and name under which business will be conducted:
-
-
-

4. Full names and addresses of the manager who will be in personal control of the enterprise (*Note: If a different person is to exercise personal control of the premises, application for the licence to be amended must be made before that person assumes control*):

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

ID:

5. Full names and addresses of the principal suppliers of hazardous substance or oils.

Names	Address
-------	---------

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

6. In the case where any hazardous substances or oils are imported for business:

Name(s) of importer(s) and ports of entry of the hazardous substance. List all chemicals used/ stored/ supplied. Attach Safety Data Sheets (SDS) for each chemical:

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

Address of importer(s):

Name(s) of substance(s) comprising the hazardous substance:.....

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

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Description of container of hazardous substances and label (if available):
.....
.....
.....
.....

7. Describe the premises of the enterprise, the operations to be conducted at the enterprise, the precautions to be taken for the protection of persons engaged in the operations of the enterprise, and details of any security precautions against fire, unlawful entry, theft, etc. (e.g. fire-alarms, burglar bars, etc.). Attach process flow sheet or diagram:
.....
.....
.....
.....

In the case of a transporter:

- (a) Vehicle(s) registration number(s):
- (b) Certificate of Fitness number(s):

I certify that the information supplied in this application is complete and correct, and that I am familiar with the Environmental Management (Control of Hazardous Substances) (General) Regulations, 2018.

Date:

Note: If the space provided on this form is not sufficient, the information required may be provided on a separate document.

2. APPLICATION FOR A TRANSIT PERMIT

(This form must be completed in respect transit through Zimbabwe of hazardous substance products by whichever mode of transport conveyance.)



TO: The licensing officer for Hazardous Substances and Articles:

1. Full name of applicant:
2. Address of applicant:
3. Country of Origin:
Destination of Consignment in Transit
4. Name(s) of person/company responsible for substance in transit:

Address of responsible person/company(s):

Name(s) of substance(s) in transit:

Description of container of hazardous substances and label (if available):
.....
.....

5. Full names and address of owner or operator of transport conveyance:
.....
.....
.....
6. Full names and addresses of the principal suppliers of the hazardous substances or oils.

Name:

Address:

I certify that the information supplied in this application is complete and correct, and that I am familiar with the Environmental Management (Control of Hazardous Substances) (General) Regulations, 2018.

Date:

Signature of applicant:

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Note.—If the space provided on this form is not sufficient, the information required may be provided on a separate document.

The Following shall be attached to the application and shall be taken note of in considering this application:

1. Material Safety Data Sheet
2.

THIRD SCHEDULE (Sections 3, 10, 23)

LABELLING OF HAZARDOUS SUBSTANCES

PART I

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
HAZARDOUS SUBSTANCES	COLOUR OF TRIANGLE	WARNINGS
FLAMMABLE AEROSOLS	Amber	FLAMMABLE KEEP AWAY FROM HEAT, NAKED FLAME AND SPARKS
FLAMMABLE GASES	Red	EXTREMELY FLAMMABLE KEEP AWAY FROM HEAT, NAKED FLAME AND SPARKS
FLAMMABLE LIQUIDS Flammable liquids having a Flash-point of— (a) 0° C or below	Red	EXTREMELY FLAMMABLE KEEP AWAY FROM HEAT, NAKED FLAME AND SPARKS
(b) More than 0°C but not more than 30°C	Amber	FLAMMABLE KEEP AWAY FROM HEAT, NAKED FLAME AND SPARKS
FLAMMABLE SOLIDS	Red	FLAMMABLE SOLID KEEP AWAY FROM HEAT, NAKED FLAME AND SPARKS

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PART II

Substances marked with an *asterisk are FLAMMABLE.

(See Part I of this Schedule.)

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>
GROUP I HAZARDOUS SUBSTANCES	COLOUR OF TRIANGLE	WARNINGS
ACETIC ACID Substances containing 20% mass in mass or more of acetic acid	Red	HAZARDOUS POSION CORROSIVE-AVOID CONTACT WITH SKIN ANDEYES
Substances containing less than 20% mass in mass but more of acetic acid	Amber	POISON CORROSIVE-AVOID CONTACT WITH SKIN AND EYES
AMMONIA SOLUTION Substances containing 10% mass in mass or more of ammonia (NH ₃)	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR CORROSIVE-AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% mass in mass or more of ammonia (NH ₃)	Amber	POISON, AVOID BREATHING VAPOUR
ANILINE Substances containing 20 % mass in mass or more of aniline	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 20% mass in mass but 10% mass in mass or more of aniline	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 1% mass in mass or more of aniline	Green	HARMFUL IF SWALLOWED

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<p>ANTIMONY COMPOUNDS</p> <p>Other than antimony potassium tartarate and antimony compounds in paint, lacquer, varnish or other similar substances containing 20% mass in mass or more of antimony</p>	Red	<p>HAZARDOUS POISON AVOID CONTACT WITH ACIDS</p> <p>EVOLVES POISONOUS GAS AVOID CONTACT WITH SKIN AND EYES</p>
<p>Substances containing less than 20% mass in mass but 1% mass in mass or more of antimony</p>	Amber	<p>AVOID CONTACT WITH SKIN AND EYES</p> <p>POISON</p>
<p>ANTIMONY POTASSIUM TARTARATE</p> <p>Substances containing 1% mass in mass or more of antimony potassium tartarate</p>	Red	<p>HAZARDOUS POISON AVOID CONTACT WITH ACIDS</p> <p>EVOLVES POISONOUS GAS</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>BARIIUM COMPOUNDS, except barium sulphate, other than barium compound in paint, lacquer, varnish or other similar substances containing 1% mass in mass or more of barium</p>	Amber	<p>POISON</p>
<p>BENZENE</p> <p>Substances containing less than 5% mass in mass but 1% mass in mass or more of benzene</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING VAPOUR</p>
<p>BORIC ACID, BORATES</p> <p>Substances containing 10% mass in mass or more of boric acid or of a borate</p>	Amber	<p>POISON</p>
<p>Substances containing less than 10% mass in mass but 1% mass in mass or more of boric acid or of a borate</p>	Green	<p>POISON</p>
<p>CALCIUM CARBIDE</p>	Red	<p>HAZARDOUS WHEN WET</p> <p>EVOLVES FLAMMABLE GAS</p>

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<p>CALCIUM HYDROCHLORITE (solids) Substances containing more than 8.8% mass in mass of available oxygen (39% mass in mass of available chlorine)</p>	<p>Red</p>	<p>AVOID CONTACT WITH COMBUSTIBLE MATERIALS ASSIST FIRE AVOID CONTACT WITH ACIDS EVOLVES POISONOUS GAS HARMFUL IF SWALLOWED</p>
<p>CAMPHOR, CAMPHOR OIL Substance containing 10% mass in mass or more of camphor substances containing less than 10% mass in mass by 5% mass in mass of camphor</p>	<p>Green</p>	<p>HARMFUL IF SWALLOWED</p>
<p>CARBON TETRACHLORIDE Substances containing less than 5% mass in mass but 1% mass in mass or more of carbon tetrachloride</p>	<p>Red</p>	<p>HAZARDOUS POISON</p>
<p>CHLORINATED DIPHENYLS — (PCBs) including arochlor, phenoclor, clophen substances containing 10% mass in mass or more of a chlorinated diphenyl</p>	<p>Red</p>	<p>HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES POISON</p>
<p>Substances containing less than 10% mass in mass but 1% mass in mass or more of a chlorinated diphenyl</p>	<p>Amber</p>	<p>AVOID-BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES</p>
<p>CHLOROBENZENE Substances containing 20 % mass in mass or more of chlorobenzene</p>	<p>Red</p>	<p>HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES</p>
<p>Substances containing less than 20 % mass in mass but 5% mass in mass or more of chlorobenzene</p>	<p>Amber</p>	<p>POISON, AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES</p>

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<p>CHLOROFORM (trichloromethane)</p> <p>Substances containing 10 % mass in mass or more of chloroform</p> <p>Substances containing less than 10% mass in mass but 5 % mass in mass or more of chloroform</p>	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR
	Amber	POISON AVOID BREATHING VAPOUR
<p>COPPER NAPHTHENATE</p> <p>Substances containing 20% mass in mass or more of copper naphthenate</p> <p>Substances containing less than 20% mass in mass but 10% mass in mass or more of copper naphthenate</p>	Amber	POISON
	Green	HARMFUL IF SWALLOWED
<p>COPPER CHLORIDES (CUPROUS CHLORIDE, CUPRIC CHLORIDE)</p> <p>Substances containing 60% mass in mass or more of copper chloride</p> <p>Substances containing less than 60% mass in mass but 20 % mass in mass or more of copper chloride</p> <p>Substances containing less than 20% mass in mass but 5% mass in mass or more of copper chloride</p>	Red	HAZARDOUS POISON
	Amber	POISON
	Green	HARMFUL IF SWALLOWED
<p>COPPER SULPHATE</p> <p>Substances containing 60% mass in mass or more of copper sulphate</p> <p>Substances containing less than 60% mass in mass but 20% mass in mass or more of copper sulphate</p>	Red	HAZARDOUS POISON
	Amber	POISON

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Substances containing less than 20% mass in mass but 5% mass in mass or more of copper sulphate	Green	HARMFUL IF SWALLOWED
CRESOLS (mesylic acid) (0-cresol, m-cresol, p-cresol) Substances containing 10% mass in mass or more of a cresol	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR CORROSIVE-AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% in mass or more of a cresol	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
CUMENE (isoptopyl benzene) Substances containing 20% mass in mass or more of cumene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 20% mass in mass but % mass in mass or more of cumene	Amber	POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
CYCLOHEXANE* Substance containing 10% mass in mass or more of cyclohexane	Amber	POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
CYCLOHEXANOL Substances containing 10% mass in mass or more of cyclotexanol	Amber	POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
CYCLOHEXANONE Substances containing 10% mass in mass or more of cyclohexanone	Amber	AVOID CONTACT WITH SKIN AND EYES

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DIACETONE ALCOHOL Substances containing 20% mass in mass or more of diacetone alcohol	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR
Substances containing less, than 20% mass in mass but 5 % mass in mass or more of diacetone alcohol	Amber	POISON AVOID BREATHING VAPOUR
o-DICHLOROBENZENE p-DICHLOROBENZENE Substances containing 10% mass in mass or more of ortho or para dichlorobenzene	Amber	POISON USE ONLY IN WELL-VENTILATED AREAS
1,3 DICHLORO -5-5-DIMETHY L HYDANTOIN Substances containing 5% mass in mass or more of 1,3-dichloro-5-5-dimethylhydantoin	Green	HARMFUL IF SWALLOWED AVOID CONTACT WITH SKIN ,MID EYES
DIETHYLENE GLYCOL and its mono and diesters, monoanddiethers and ether-esters substances containing 10%mass in mass or more of diethylene glycol or of its mono and ether-esters	Amber	POISON
N.N. DIMETHYLANILINE Substance containing 20% mass in mass or more of dimethylaniline	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 20% mass in mass but 5% mass in mass or more of dimethylaniline	Amber	POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES

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DINITROBENZENES Substances containing 10% mass in mass of more of a dinitrobenzene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% mass in mass or more of a dinitrobenzene	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
DINITROPHENOLS Substances containing 10% mass in mass or more of a dinitrophenol	Red	HAZARDOUS POISON AVOID BREATHING DUST AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% mass in mass or more of a dinitrophenol	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 5% mass in mass but 1% mass in mass or more of a dinitrophenol	Green	HARMFUL IF SWALLOWED
DINITROTOLUENES Substances containing 10% mass in mass or more of a dinitrotoluene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% mass in mass or more of a dinitrotoluene	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 5% mass in mass but 1% mass in mass or more of a dinitrotoluene	Green	HARMFUL IF SWALLOWED
DIOXAN (diethylene oxide)* Substances containing 20% mass in mass or more of dioxan	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES

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Substances containing less than 20% mass in mass but 5% mass in mass or more of dioxan	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
ETHYLAMINE Substances containing 10% mass in mass or more of ethylamine	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% mass in mass or more of ethylamine	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
ETHYLAMYL KETONE Substances containing 10% mass in mass or more of ethyl amyl ketone	Amber	HARMFUL VAPOUR IRRITATING TO EYES AND MUCOUS MEMBRANES
ETHYL BENZINE* Substances containing 20% mass in mass or more of ethyl benzene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 20% mass in mass but 5% mass in mass or more of ethyl benzene	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
ETHYL ETHER * (diethyl ether, ether) substances containing 20% mass in mass or more of ethyl ether	Red	AVOID BREATHING VAPOUR POISON
ETHYLENE AMINES including ethylenediamine diethylenetriamine triethylenetetramine triethylenepentamine triethylenhexamine Substances containing 1% mass in mass or more of an ethyleneamine	Red	IRRITANT STRONG SENSITIZER AVOID CONTACT WITH SKIN AND EYES AVOID BREATHING VAPOUR

ETHYLENE DICHLORIDE* Substance containing 20% mass in mass or more of ethylene dichloride	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR
Substances containing less than 20% mass in mass but 5% mass in mass or more of ethylene dichloride	Amber	POISON AVOID BREATHING VAPOUR
ETHYLENE GLYCOL and its mono and diesters, mono and diethers and ether esters substances containing 10% mass in mass or more of ethylene glycol or more of its mono and diesters, mono and diethers or ether esters	Amber	POISON
FLUORIDES (inorganic compounds) substances containing 10% mass in mass or more of a fluoride solids	Red	HAZARDOUS POISON AVOID CONTACT WITH ACIDS EVOLVES POISONOUS GAS AVOID BREATHING DUST
Liquids	Red	HAZARDOUS POISON CORROSIVE-AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 1% mass in mass or more of a fluoride	Amber	POISON
FLUOSILICATES Substances containing 20% mass in mass or more of a fluosilicate	Red	HAZARDOUS POISON AVOID BREATHING DUST AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 20% mass in mass but 5% mass in mass or more of a fluosilicate	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 5% mass in mass but 1% mass in mass or more of a fluosilicate	Green	HARMFUL IF SWALLOWED

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<p>FORMALDEHYDE SOLUTION</p> <p>Substances containing 5% mass in mass or more of formaldehyde EYES, (HCHO)</p> <p>Substances containing less than 5% mass in mass but 1% mass in mass or more of formaldehyde (HCHO)</p>	Red	<p>HAZARDOUS POISON</p> <p>IRRITANT VAPOUR</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>FORMIC ACID</p> <p>Substances containing 10% mass in mass or more of formic acid</p> <p>Substances containing less than 10% mass in mass but 5% mass in mass or more of formic acid</p>	Red	<p>CORROSIVE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p> <p>IRRITANT VAPOUR</p>
	Amber	<p>CORROSIVE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p> <p>IRRITANT VAPOUR</p>
<p>HEXACHLORONAPHTHALENE</p> <p>Substances containing 10% mass in mass or more of hexachloronaphthalene</p> <p>Substances containing less than 10% mass in mass but 5% mass in mass or more of hexachloronaphthalene</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING VAPOUR OR DUST</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>HYDRAZINE and its compounds substances containing 10% mass in mass or more of hydrazine or of a compound of hydrazine</p> <p>Substances containing less than 10% mass in mass but 1% mass in mass or more of a hydrazine or a compound of hydrazine</p>	Red	<p>HAZARDOUS POISON AVOID BREATHING VAPOUR</p> <p>CORROSIVE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>

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<p>HYDROCHLORIC ACID</p> <p>Substances containing 10% mass in mass or more of hydrogen chloride (HCl)</p>	Red	<p>HAZARDOUS POISON</p> <p>CORROSIVE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>Substances containing less than 10% mass in mass but 5% mass in mass or more of hydrogen chloride (HCl)</p>	Amber	<p>POISON</p> <p>CORROSIVE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>HYDROFLUORIC ACID</p> <p>Substances containing less than 5% mass in mass but 1% mass in mass or more of hydrogen fluoride (HF)</p>	Red	<p>HAZARDOUS POISON</p> <p>CORROSIVE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p> <p>AVOID BREATHING VAPOUR</p>
<p>HYDROGEN PEROXIDE</p> <p>Substances containing 40% mass in mass or more of hydrogen peroxide (H₂O₂)</p>	Red	<p>CORROSIVE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p> <p>AVOID CONTACT WITH COMBUSTIBLE MATERIALS</p> <p>ASSISTS FIRE</p>
<p>Substances containing less than 40% mass in mass but 8% mass in mass or more of hydrogen peroxide (H₂O₂)</p>	Amber	<p>AVOID CONTACT WITH COMBUSTIBLE MATERIALS</p> <p>ASSISTS FIRE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>HYDROQUINONE</p> <p>Substances containing 20% mass in mass or more of hydroquinone</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING VAPOUR OR DUST. AVOID CONTACT WITH SKIN AND EYES</p>
<p>Substances containing less than 20% mass in mass but 10% mass in mass or more of hydroquinone</p>	Amber	<p>POISON</p> <p>AVOID BREATHING VAPOUR OR DUST. AVOID CONTACT WITH SKIN AND EYES</p>

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Substances containing less than 10% mass in mass but 5% mass in mass or more of hydroquinone	Green	HARMFUL IF SWALLOWED AVOID CONTACT WITH SKIN AND EYES
IODINE Substances containing 10% mass in mass or more of iodine Substances containing less than 10% mass in mass but 3% mass in mass or more of iodine	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR
	Amber	POISON
ISOBUTYL ALCOHOL* Substances containing 10% mass in mass or more of isobutyl alcohol	Amber	POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
ISOCYANATES, including methylene bis di-isocyanate (MDI) and toluene-di-isocyanate (TDI) substances containing 1% mass in mass or more of anisocyanate	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR SENSITIZER-AVOID CONTACT WITH SKIN AND EYES
ISOPHORONE Substances containing 20% mass in mass or more of isophorone Substances containing less than 20% mass in mass but 5% mass in mass or more of isophorone	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
ISOPROPYL ALCOHOL* Substances containing 10% mass in mass or more of isopropyl alcohol	Amber	POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
LEAD COMPOUNDS Other than lead compounds in paint, lacquer, varnish or other similar substance substance containing 1% mass in mass or more of lead (Pb)	Red	HAZARDOUS POISON

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<p>METHYL ALCOHOL*</p> <p>Substances containing 10% mass in mass or more of methyl alcohol</p>	<p>Red</p>	<p>HAZARDOUS POISON MAY CAUSE BLINDNESS IF SWALLOWED USE ONLY IN WELL VENTILATED AREAS AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES</p>
<p>Substances containing less than 10% mass in mass but 5 % mass or more of methyl alcohol</p>	<p>Amber</p>	<p>POISON MAY CAUSE BLINDNESS IF SWALLOWED USE ONLY IN WELL VENTILATED AREAS AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES</p>
<p>Substance containing less than 5% mass in mass but 1% mass in mass or more of methyl alcohol</p>	<p>Green</p>	<p>HARMFUL IF SWALLOWED</p>
<p>METHYL ETHYL KETONE (butanone)*substance containing 10% mass in mass or more of methyl ethyl ketone</p>	<p>Amber</p>	<p>POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES</p>
<p>METHYL ETHEL, KEYTONE PEROXIDE Substance containing 10% mass in mass or more of methyl ethyl ketone peroxide</p>	<p>Red</p>	<p>AVOID CONTACT WITH COMBUSTIBLE MATERIALS ASSISTS FIRE COROSIVE AVOID CONTACT WITH SKIN AND EYES</p>
<p>METHYL ISOBUTYL KETONE*</p> <p>Substances containing 20% mass in mass or more of methyl isobutyl ketone</p>	<p>Red</p>	<p>HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES</p>

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METHYLENE CHLORIDE Substances containing 20% mass in mass or more of methylene chloride	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR USE ONLY IN WELL VENTILATED AREAS
Substances containing less than 10% mass in mass but 10% mass in mass or more methylene chloride	Amber	POISON AVOID BREATHING VAPOUR
NAPHTHALENE and chlorinated derivatives (unless elsewhere specified) substances containing 10% mass in mass or more of naphthalene or of a chlorinated derivative of naphthalene	Amber	POISON
Substances containing less than 10% mass in mass but 5% or more of naphthalene or of a chlorinated derivative of naphthalene	Green	HARMFUL IF SWALLOWED
NITRIC ACID Substances containing 10 <i>per centum</i> mass in mass or more of nitric acid	Red	HAZARDOUS POISON CORROSIVE AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% mass in mass or more of nitric acid	Amber	POISON CORROSIVE AVOID CONTACT WITH SKIN AND EYES
NITROANILINES Substances containing 10% mass in mass or more of a nitroanilene	Red	HAZARDOUS POISON AVOID BREATHING DUST AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% mass in mass or more of a nitroanilene	Amber	POISON AVOID CONTACT WITH SKIN AND EYES

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<p>NITROBENZENE</p> <p>Substances containing 10% mass in mass or more of a nitrobenzene</p> <p>Substances containing less than 10% mass in mass but 1% mass in mass or more of nitrobenzene</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING VAPOUR</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON AVOID CONTACT WITH SKIN AND EYES</p>
<p>NITROETHANE*</p> <p>Substances containing 20% mass in mass or more of nitroethane</p> <p>Substances containing less than 20% mass in mass but 10% mass in mass or more of nitroethane</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING VAPOUR</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>NITROMETHANE</p> <p>Substances containing 10% mass in mass or more of nitromethane</p>	Amber	<p>POISON</p> <p>AVOID BREATHING VAPOUR</p>
<p>NITROPHENOLS</p> <p>Substances containing 20% mass in mass or more of a nitrophenol</p> <p>Substances containing less than 20 % but 5% mass in mass or more of nitrophenol</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING VAPOUR OR DUST</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>NITROPROPANE</p> <p>Substances containing 10% mass in mass or more of nitropropane</p>	Amber	<p>POISON</p>

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<p>OXALIC ACID, OXALATES</p> <p>Substances containing 20% mass in mass or more of oxalic acid or of an oxalate</p> <p>Substances containing less than 20% mass in mass but 10% mass in mass or more of oxalic acid or of an oxalate</p> <p>Substances containing less than 10% mass in mass but 5% mass in mass or more of oxalic acid or of an oxalate</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING DUST</p> <p>CORROSIVE</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Green	<p>HARMFUL IF SWALLOWED</p>
<p>PARAFORMALDEHYDE</p> <p>Substances containing 20% mass in mass or more of paraformaldehyde.</p> <p>Substances containing less than 20% mass in mass but 5% mass in mass or more of paraformaldehyde</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING DUST</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
<p>PENTACHLORONAPHTHALENE</p> <p>Substances containing 20% mass in mass or more of pentachloronaphthalene</p> <p>Substances containing less than 20% mass in mass but 10% mass in mass or more of pentachloronaphthalene</p> <p>Substances containing less than 10% mass in mass but 5% mass in mass or more of pentachloronaphthalene</p>	Red	<p>HAZARDOUS POISON</p> <p>AVOID BREATHING VAPOUR</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON</p> <p>AVOID BREATHING VAPOUR</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>
	Green	<p>HARMFUL IF SWALLOWED</p> <p>AVOID BREATHING VAPOUR</p> <p>AVOID CONTACT WITH SKIN AND EYES</p>

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PENTACHLOROPHENOL Substances containing less than 25% mass in mass but 1% mass in mass or more of pentachlorophenol	Red	HAZARDOUS POISON AVOID BREATHING DUST AVOID CONTACT WITH SKIN AND EYES
PERCHLOROETHYLENE (tetrachloroethylene) substances containing 50% mass in mass or more of perchloroethylene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 50% mass in mass but 10% mass in mass or more of perchloroethylene	Amber	POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
PETROLEUM DISTILLATES* Petroleum distillates including paraffin, petrol and other distillates of petroleum	Amber	POISON IF SWALLOWED DO NOT INDUCE VOMITING
PHENOLS including amyl phenol, benzyl-chlorophenol, carvacrol, chlorephenols, guaiacol, hexachlorophene, hexylresorcinol, menthol, naphthol, phenol, pyrogallol, resorcinol, thiocresol, and thymol	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR CORROSIVE, AVOID CONTACT WITH SKIN AND EYES
Substances containing 10% mass in mass or more of a phenol substances containing less than 10% mass in mass but 5% mass in mass or more of a phenol	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
PHENYLENEDIAMINES Substances containing 5 % mass in mass or more of a phenylenediamine	Red	SENSITIZER AVOID CONTACT WITH SKIN AND EYES POISON

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PINE OIL Substances containing 10 % mass in mass or more of pine oil	Green	HARMFUL IF SWALLOWED AVOID-BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
PHOSPHORIC ACID Substances containing 50% mass in mass or more of phosphoric acid	Red	CORROSIVE, AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 50% mass in mass but 20% mass in mass or more of phosphoric acid	Amber	POISON HARMFUL IF SWALLOWED
Substances containing less than 20% mass in mass but 5% mass in mass or more of phosphoric acid	Green	POISON AVOID CONTACT WITH SKIN AND EYES
POTASSIUM BROMIDE Substances containing 10% mass in mass or more of potassium bromide	Amber	POISON
Substances containing less than 10% mass in mass but 5% mass in mass or more of potassium bromide	Green	HARMFUL IF SWALLOWED
POTASSIUM CHROMATE Substances containing 20% mass in mass or more of potassium chromate	Red	HAZARDOUS POISON AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 20% mass in mass but 10 % mass in mass or more of potassium chromate	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5 % mass in mass or more of potassium chromate	Green	HARMFUL IF SWALLOWED

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<p>POTASSIUM DICHROMATE</p> <p>Substances containing 20 % mass in mass or more of potassium dichromate solid substances</p>	<p>Red</p>	<p>AVOID CONTACT WITH COMBUSTIBLE MATERIALS ASSISTS FIRE HAZARDOUS POISON AVOID BREATHING DUST AVOID CONTACT WITH SKIN AND EYES</p>
<p>Liquid substances: Substances containing less than 20% mass in mass but 10% mass in mass or more of potassium dichromate</p>	<p>Amber</p>	<p>HAZARDOUS POISON AVOID CONTACT WITH SKIN AND EYES AVOID CONTACT WITH COMBUSTIBLE-MATERIALS ASSISTS FIRE, POISON AVOID CONTACT WITH SKIN AND EYE</p>
<p>Solid substances liquid substances containing less than 10% mass in mass but 5% mass in mass or more of potassium dichromate</p>	<p>Green</p>	<p>POISON AVOID CONTACT WITH SKIN AND EYES HARMFUL IF SWALLOWED</p>
<p>POTASSIUM HYDROXIDE</p> <p>Substances containing 10% mass in mass or more of potassium hydroxide</p>	<p>Red</p>	<p>HAZARDOUS POISON CORROSIVE, AVOID CONTACT WITH SKIN AND EYES</p>
<p>Substances containing less than 10 % mass in mass but 5% mass in mass or more of potassium hydroxide</p>	<p>Amber</p>	<p>POISON CORROSIVE, AVOID CONTACT WITH SKIN AND EYES</p>
<p>Substances containing less than 5 % mass in mass but 1% mass in mass or more of potassium hydroxide</p>	<p>Green</p>	<p>HARMFUL IF SWALLOWED</p>
<p>POTASSIUM PERMANGANATE</p> <p>Substances containing 10 % mass in mass or more of potassium permanganate solid substances</p>	<p>Red</p>	<p>AVOID CONTACT WITH COMBUSTIBLE MATERIALS ASSISTS FIRE POISON</p>
<p>Liquid substances</p>	<p>Amber</p>	<p>POISON</p>

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POTASSIUM THIOCYANATE Substances containing 10 % mass in mass or more of potassium thiocyanate	Amber	POISON
	Green	HARMFUL IF SWALLOWED
PROPYLENE OXIDE* Substances containing 20% mass in mass or more propylene oxide	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR
	Amber	POISON AVOID BREATHING VAPOUR
QUATERNARY AMMONIUM COMPOUNDS (QAC) (alkyl and aryl substituted Ammonium chloride or bromide compounds including alkyl- dimethylbenzyl ammonium chloride)	Amber	POISON SKIN IRRITANT
	Green	HARMFUL IF SWALLOWED
SILVER NITRATE Substances containing 10 % mass in mass or more of silver nitrate	Amber	POISON CORROSIVE AVOID CONTACT WITH SKIN AND EYES
	Green	HARMFUL IF SWALLOWED

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<p>SODIUM BISULPHRITE</p> <p>Substances containing 20 % mass in mass or more of sodium bisulphrite</p>	Amber	POISON
	Green	HARMFUL IF SWALLOWED
<p>SODIUM CHROMATE</p> <p>Substances containing 20 % mass in mass or more of sodium chromate</p> <p>Substances containing less than 20 % mass in mass but 10 % mass in mass or more of sodium chromate</p> <p>Substances containing less than 10 % mass in mass but 5% mass in mass or more of sodium chromate</p>	Red	HAZARDOUS POISON AVOID CONTACT WITH SKIN AND EYES
	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
	Green	HARMFUL IF SWALLOWED
<p>SODIUM DICHROMATE</p> <p>Substances containing 20% mass in mass or more of sodium dichromate solid substances liquid substances</p> <p>Substances containing less than 20% mass in mass but 10% mass in mass or more of sodium dichromate solid substances</p> <p>Liquid substances: Substances containing less than 10% mass in mass but 5% mass in mass or more of sodium dichromate</p>	Red	AVOID CONTACT WITH COMBUSTIBLE MATERIALS ASSISTS FIRE HAZARDOUS POISON AVOID BREATHING DUST AVOID CONTACT WITH SKIN AND EYES
	Amber	AVOID CONTACT WITH COMBUSTIBLE MATERIALS ASSISTS FIRE HAZARDOUS POISON AVOID BREATHING DUST AVOID CONTACT WITH SKIN AND EYES
	Green	AVOID CONTACT WITH COMBUSTIBLE MATERIALS ASSISTS FIRE POISON AVOID CONTACT WITH SKIN AND EYES HARMFUL IF SWALLOWED

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<p>SODIUM HYDROXIDE</p> <p>Substances containing 10 % mass in mass or more of sodium hydroxide</p> <p>Substances containing less than 10 % mass in mass but 5 % mass in mass or more of sodium hydroxide</p> <p>Substances containing less than 5 % mass in mass but 1% mass in mass or more of sodium hydroxide</p>	Red	HAZARDOUS POISON CORROSIVE AVOID CONTACT WITH SKIN AND EYES
	Amber	POISON CORROSIVE AVOID CONTACT WITH SKIN AND EYES
	Green	HARMFUL IF SWALLOWED
<p>SODIUM HYPOCHLORITE</p> <p>Substances containing 10% mass in mass or more of sodium hypochlorite</p> <p>Substances containing less than 10% mass in mass but 5% mass in mass or more of sodium hypochlorite</p>	Amber	POISON CORROSIVE AVOID CONTACT WITH SKIN AND EYES
	Green	HARMFUL IF SWALLOWED
<p>SODIUM PERBORATE</p> <p>Substances containing 10% mass in mass or more of sodium per borate</p>	Amber	POISON
<p>SODIUM SULPHITE</p> <p>Substances containing 20% mass in mass or more of sodium sulphite</p> <p>Substances containing less than 20% mass in mass but 5% mass in mass or more of sodium sulphite</p>	Amber	POISON
	Green	HARMFUL IF SWALLOWED
<p>SODIUM THIOCYANATE</p> <p>Substances containing 10% mass in mass or more of sodium thiocyanate</p> <p>Substances containing less than 10% mass in mass but 5% mass in mass or more of sodium thiocyanate</p>	Amber	POISON
	Green	HARMFUL IF SWALLOWED

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<p>SODIUM-P-TOLUENE SULFONCHLORAMIDE (chloramine T, chlorasol, chlorazone, balazone)</p> <p>Substances containing 20% mass in mass or more of sodium-p- toluene sulfonchloratnide</p>	Amber	POISON
	Green	HARMFUL IF SWALLOWED
<p>STYRENE (phenyl ethylene)</p> <p>Substances containing 10 % mass in mass or more of styrene</p> <p>Substances containing less than 10% mass in mass but 5 % mass in mass or more of styrene</p>	Red	HAZARDOUS POISON AVOID CONTACT WITH SKIN AND EYES
	Amber	AVOID BREATHING VAPOUR POISON AVOID CONTACT WITH SKIN AND EYES
<p>SULPHAMIC ACID</p> <p>Substances containing 20% mass in mass or more of sulphamic acid</p>	Amber	POISON
	Green	HARMFUL IF SWALLOWED
<p>SULPHONATES (alkyl sodium) sulphonates)</p> <p>Substances containing 10 % mass in mass or more of an alkyl sodium sulphonate</p>	Green	HARMFUL IF SWALLOWED

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<p>SULPHURIC ACID (except sulphuric acid in batteries)</p> <p>Substances containing 10% mass in mass or more of sulphuric acid substances containing less than 10 % mass in mass but 5% mass in mass or more of sulphuric acid</p>	Amber	<p>HAZARDOUS POISON CORROSIVE AVOID CONTACT WITH SKIN AND EYES POISON CORROSIVE AVOID CONTACT WITH SKIN AND EYES</p>
<p>TETRACHLORONAPHTHALENE</p> <p>Substances containing 20% mass in mass or more of tetrachloronaphthalene</p> <p>Substances containing less than 20% mass in mass but 10% mass in mass or more of tetrachloronaphthalene</p> <p>Substances containing less than 10% mass in mass but 5% mass in mass or more of tetrachloronaphthalene</p>	Red	<p>HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES</p>
	Amber	<p>POISON AVOID CONTACT WITH SKIN AND EYES</p>
	Green	<p>HARMFUL IF SWALLOWED</p>
<p>0-TOLIDINE and salts</p> <p>Of o-tolidine (2-2 dirnethylbenzidine)</p> <p>Substances containing 1% mass in mass or more of o-tolidine or of a salt of o-tolidine</p>	Red	<p>HAZARDOUS POISON HARMFUL BY SKIN ABSORPTION CARCINOGENIC</p>
<p>TOLUENE</p> <p>Substances containing 20% mass in mass or more of toluene</p> <p>Substances containing less than 20% mass in mass but 10% mass in mass or more of toluene</p>	Red	<p>HAZARDOUS POISON AVOID BREATHING VAPOUR USE ONLY IN WELL - VENTILATED AREAS</p>
	Amber	<p>POISON AVOID BREATHING VAPOUR</p>

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TRICHLOROBENZENE Substances containing 20% mass in mass or more of trichlorobenzene Substances containing less than 20% mass in mass but 10% mass in mass or more of trichlorobenzene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR
	Amber	POISON AVOID BREATHING VAPOUR
TRICHLOROETHANES Substances containing 20% mass in mass or more of a trichloroethane Substances containing less than 20% but 10 % mass in mass or more of a trichloroethane	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
	Amber	POISON AVOID BREATHING VAPOUR
TRICHLOROETHYLENE Substance containing 20% mass in mass or more of trichloroethylene Substances containing less than 20% mass in mass but 10% mass in mass or more of trichloroethylene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR USE ONLY IN WELL - VENTILATED AREAS
	Amber	POISON HARMFUL VAPOUR
TRICHLOROISOCYANURIC ACID and its salts (solids) Substances containing 39% mass in mass or more of available chlorine	Red	AVOID CONTACT WITH COMBUSTIBLE MATERIALS ASSISTS FIRE POISON

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TRICRESYL PHOSPHATE Substances containing 20% mass in mass or more of tricresyl phosphate	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 20% mass in mass but 10% mass in mass of more of tricresyl phosphate	Amber	POISON AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 10% mass in mass but 5% mass in mass or more of tricresyl phosphate	Green	HARMFUL IF SWALLOWED
TRIETHANOLAMINE* Substances containing 20% mass or more of triethanolamine	Green	HARMFUL IF SWALLOWED
TRIMETHYLBENZENE (all isomers) Substances containing 20% mass in mass or more of trimethylbenzene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR USE ONLY IN WELL - VENTILATED AREAS
Substances containing less than 20% mass in mass but 10% mass in mass or more of trimethylbenzene	Amber	POISON AVOID BREATHING VAPOUR
TRIPHENYL PHOSPHATE Substances containing 20% mass in mass or more of triphenyl phosphate	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
Substances containing less than 20 % mass in mass but 10 % mass in mass or more of triphenyl phosphate	Amber	POISON AVOID BREATHING VAPOUR AVOID CONTACT WITH SKIN AND EYES
TURPENTINE Substances containing 10% mass in mass or more of turpentine	Amber	POISON AVOID BREATHING VAPOUR

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XYLENES* Substances containing 20% mass in mass or more of a xylene	Red	HAZARDOUS POISON AVOID BREATHING VAPOUR USE ONLY IN WELL - VENTILATED AREAS
Substances containing less than 20% mass in mass but 10% mass in mass or more of a xylene	Amber	POISON AVOID BREATHING VAPOUR
ZINC NAPHTHENATE Substances containing 10% mass in mass or more of zinc naphthenate	Green	HARMFUL IF SWALLOWED
ZINC SALTS (soluble) including zinc chloride, zinc sulphate, zinc acetate Substances containing 60 % mass in mass of more of a soluble zinc salt	Red	HAZARDOUS POISON
Substances containing less than 60 % mass in mass but 20 % mass in mass or more of a soluble zinc salt	Amber	POISON
Substances containing less than 20 % mass in mass but 5 % mass in mass or more of a soluble zinc salt	Green	HARMFUL IF SWALLOWED

Table 1: Blacklisted pesticides and pesticides **not registered** in Zimbabwe

Compound	Maximum Concentration (ug/l) (ppb)
Aldrin	0,3
Dieldrin	0,3
Endrin	0,05
Total DDT	0,5
pp' -DDT	0,3
Hexachlorobenzene	0,3
Any other pesticide not registered in Zimbabwe	0,3

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Table 2: Pesticides registered in Zimbabwe and those **not on** EU Blacklist

Compound	Maximum Concentration (ug/l) (ppm)
Alachlor	1,0
Alicarb	1,0
Altrazine	1,0
Azinphos-Methyl	1,0
Benomyl	1,0
Carbaryl	1,0
Carbendazim	1,0
Carbofuran	1,0
Chlordane	1,0
Chlorfenvinphos	0,3
Chlorpyrphos	0,4
Dalapon	1,0
Demeton	1,0
Diazinon	1,0
Dicamba	1,0
Dichlorprop	1,0
Dichlorvos	1,0
Dicofol (related to DDT)	1,0
Dimethoate	1,0
Dinoseb	0,7
Diquat	1,0
Disulphoton	0,6
Endosulfan	1,0
EDB	0,01
Fenchlorphos	1,0
Fenitrothion	1,0
Fenvalerate	1,0
Fluometuron	1,0
Formothion	1,0
Glyphosphate	1,0
Heptachlor	0,3
Lindane	1,0
MCPA	0,2
Metaxachlor	0,1
Metolachlor	1,0
Methidathion	0,6

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Compound	Maximum Concentration (ug/1) (ppm)
Methomyl	0,6
Methoxychlor	1,0
Monochrotophos	0,2
Oxamyl	1,0
Paraquat	1,0
Parathion	1,0
Pendamethalin	1,0
Permethrin	1,0
Pichloram	1,0
Pirimicarb	1,0
Propargite	1,0
Simazine	0,4
Thiram	1,0
Toxaphene	0,0003 (0,3 ppb)
Trichlorphon	1,0
Trifluralin	1,0
TCDD Dioxin	3 x 10 ⁻⁶ (0,003 ppb)
2,4,5-T	0,01
2,4-D	1,0

Note: Methods of analysis are given in SAZS 681 : Parts I and 2; SAZS 682; SAZS 683; SAZS 699; SAZS 711; SA7-S 713 and SAZS 714 as relevant,

PART III

A, CONVENTION WASTES

<i>Basel</i>	<i>Corresponding identification code in First Schedule</i>
<i>Convention identification code</i>	<i>Hazardous waste Regulations (or description in absence of code)</i>
Y,1	A 4020
Y,2 and Y,3	A 4020 (Wastes from the production and preparation of pharmaceuticals, drugs & medicines and waste pharmaceuticals, drugs & medicines)
Y,4	A 4030
Y,5	A 4040
Y,6	Waste from the production, formulation and use of organic solvents

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<i>Basel</i>	<i>Corresponding identification code in First Schedule</i>
<i>Convention identification code</i>	<i>Hazardous waste Regulations (or description in absence of code)</i>
Y,7	A 1140
Y,8	A 3020
Y,9	Waste oils/water, hydrocarbons/water mixtures, emulsions
Y 10	A 3180
Y,11	A 3190
Y,12	A 4070
Y,13	A 3050
Y,14	A 4140
Y,15	A 4080
Y,16	Wastes from the production, formulation and of photographic chemicals and processing materials
Y,17	Wastes resulting from surface treatment of metals and plastics
Y,18	Residues arising from industrial waste disposal operations
Y,19	A 1040 (metal carbonyls)
Y,20	Wastes having beryllium and beryllium compounds as constituents
Y,21	A 1040 (Hexavalent chromium compounds)
Y,22	Wastes having copper compounds as constituents
Y,23	Wastes having zinc compounds as constituents
Y,24	A 1040 (Arsenic and arsenic compounds)
Y,25	Wastes having selenium and selenium compounds as constituents
Y,26	Wastes having cadmium & cadmium compounds as constituents
Y,27	Wastes having antimony & antimony compounds as constituents
Y,28	Wastes having tellurium and tellurium compounds as constituents
Y,29	Wastes having mercury and mercury compounds as constituents
Y,30	Wastes having thallium and thallium compounds as constituents
Y,31	Wastes having lead and lead compounds as constituents
Y,32	A 2020
Y,33	A 4050 (inorganic cyanides)
Y,34	A 4090
Y,35	Basic solutions or bases in solid form
Y,36	A 2050
Y,37	Organic phosphorous compounds
Y,38	A 4050 (Organic cyanides)
Y,39	A 3070
Y,40	A 3080

<i>Basel</i>	<i>Corresponding identification code in First Schedule</i>
<i>Convention identification code</i>	<i>Hazardous waste Regulations (or description in absence of code)</i>
Y,41	A3150
Y,42	A3140
Y,43	A4110 (Dibenzo-furan)
Y,44	A4110 (Dibenzo-p-furan)
Y,45	Organo-halogen compounds other than substances referred to in items Y39, Y41, Y42, Y43 and Y44

B. LIST OF HAZARDOUS CHARACTERISTICS

<i>Basel Convention identification code</i>	<i>Characteristics</i>
H,3	Flammable liquids (the word “ flammable ” has the same meaning ‘as “inflammable”, Flammable liquids are liquids or mixtures of liquids, or liquids containing solids in solution or suspension (for example paints, varnishes, lacquers, <i>etc.</i> but including substances or wastes otherwise classified on account of their hazardous characteristics) which give off a flammable vapour at temperatures of not more than 60,5°C, closed-cup test, or not more than 65,6°C, open-cup test),
H,4,1	Flammable solids (solids, or waste solids, other than those classed as explosives, which under conditions encountered in transport are readily combustible, or may cause or contribute to fire through friction),
H,4,2	Substances or wastes liable to spontaneous combustion (substances or wastes which are liable to spontaneous heating under normal conditions encountered in transport, or to heating up on contact with air, and being then liable to catch fire),
	Substances or wastes which, in contact with water, emit flammable gases (substances or wastes which, by interaction with water, are liable to become spontaneously flammable or to give off flammable gases in hazardous quantities),
H,4,3	Oxidising (substances or waste, which, while in themselves not necessarily combustible, may generally by yielding oxygen cause, or contribute, to the combustion, of other materials),
H,5,1	Organic peroxides (organic substances or wastes which contain the bivalent O-O structure are thermally unstable substances which may undergo exothermic self-accelerating decomposition),

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<i>Basel Convention identification code</i>	<i>Characteristics</i>
H,5,2	Poisonous (acute) (substances or wastes liable either to cause death or serious injury or to harm health if swallowed or inhaled or by skin contact),
H,6,1	Infectious substances (substances or wastes containing viable micro-organisms or their toxins which are known or suspected to cause disease in animals or humans),
H,6,2	Corrosives (substances or wastes which, by chemical action, will cause severe damage when in contact with living tissue, or, in the case of leakage, will materially damage, or even destroy, other goods, or the means of transport; they may also cause other hazards),
H,8	Liberation of toxic gases in contact with air or water (substances or wastes which, by interaction with air or water, are liable to give off toxic gases in hazardous quantities),
H,10	Toxic (delayed or chronic) (substances or wastes which, if they are inhaled or ingested or if they penetrate the skin, may involve delayed or chronic effects, including carcinogenicity),
H 11	Ecotoxic (substances or wastes which, if released present or may present immediate or delayed adverse impacts to the environment by means of bio-accumulation and/or toxic effects upon biotic systems),
H,12	Capable, by any means, after disposal, of yielding another material, e.g, leachate, which possesses any of the characteristics listed above,

C. PARTICULARS TO BE PROVIDED IN NOTIFICATION OF IMPORT, EXPORT OR TRANSIT OF CONVENTION & OTHER SUBSTANCES

1. Reason for substances export or import.
2. Exporter and importer of the substances (full name and address, telephone or telefax number and the name, address, telephone or telefax number of the person to be contacted).
3. Generator(s) of the substances and site of generation (full name and address, telephone or telefax number and the name, address, telephone or telefax number of the person to be contacted).
4. Disposer of the substances and actual site of disposal (full name and address, telephone or telefax number and the name, address, telephone or telefax number of the person to be contacted).
5. Intended operator(s) of the substances or their agents, if known (full name telefax number of the person to be contacted).
6. Country of export of the substances and competent authority (full name and address, telephone or telefax number).

7. Expected countries of transit and competent authorities (full name and address, telephone or telefax number).
8. Country of import of the substances and competent authority (full name and address, telephone or telefax number).
9. General (for multi-loads) or single notification.
10. Projected date(s) of shipment(s) and period of time over which substance is to be exported and proposed itinerary (including point of entry and exit) (in the case of a general notification covering several shipments, either expected dates of each shipment or, if this is not known, the expected frequency of the shipments will be required).
11. Means of transport envisaged (road, rail, air, inland waters).
12. Information relating to insurance (information to be provided on relevant insurance requirements and how they are met by exporter, operator and disposer).
13. Designation and physical description of the substances including Y number and UN number [in the case of Convention substances, and number set out in the first column of Part II of the Third Schedule to these regulations (the nature and the concentration of the most hazardous components, in terms of toxicity and other dangers presented by the waste both in handling and in relation to the proposed disposal method) and its composition and information on any special handling requirements including emergency provisions in the case of accidents,.
14. Type of packaging envisaged (e.g., bulk, drummed, tanker).
15. Estimated quantity in weight/volume (in the case of a general notification covering several shipments both the estimated total quantity and the estimated quantities for each individual shipment will be required).
16. Process by which substance is generated (insofar as this is necessary to assess the hazard and determine the appropriateness of the proposed disposal operation).
17. For wastes listed in Part I the Third Schedule, classifications from Part II of that Schedule: hazardous characteristic, H number and UN class.
18. Method of disposal of waste.
19. Declaration by the generator and exporter that the information is correct.
20. Information transmitted (including technical description of the plant) to the exporter or generator from the disposer of the waste upon which the latter has based his assessment that there was no reason to believe that the wastes will not be managed in an environmentally sound manner in accordance with the laws and regulations of the country of import.
21. Information concerning the contract between the exporter and importer.

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Note: The list of hazardous substances provided in this Schedule is non-exhaustive. Any substance not specifically covered under the list will be identified and licensed or labelled in accordance with the characteristics or hazard posed by the substance as provided in this Schedule.

FOURTH SCHEDULE (*Section 33*)

REPEALS

The following Statutory Instruments regulating hazardous substances are repealed—

	<i>Statutory Instrument</i>
Environmental Management (Hazardous Substances, Pesticides, and other Toxic Substances) Regulations, 2007 . . .	12/2007
Environmental Management (Importation and Transit of hazardous Substances and Waste) Regulations, 2009	77/2009
Environmental Management (Hazardous Substances, Pesticides, and other Toxic Substances) (Amendment) Regulations, 2011 (No. 3).	129/2011