

PESTICIDES AND TOXIC CHEMICALS CONTROL BOARD

GUIDELINES FOR THE ISSUANCE OF AN ESTABLISHMENT PERMIT

The Pesticides and Toxic Chemicals Control Board is mandated by the Pesticides and Toxic Chemicals Control Act 2000 (No. 13 of 2000) and its associate Regulations 2004 (No. 8 of 2004) for the management of all pesticides and toxic chemicals in a lifecycle approach. This includes the manufacturing, import, export, distribution, sale, use, transport and storage of all pesticides and toxic chemicals.

The Pesticides and Toxic Chemicals Control Regulations 2004 (No. 8 of 2004) Part V, Subpart A, Licensing, states “any establishment or individual wishing to manufacture or import a toxic chemical, or any active ingredient in a toxic chemical, must register with the PTCCB”.

It also states “A Person may not –

- [a]** sell by wholesale or retail;
- [b]** store, package or manufacture a toxic chemical, except in premises licensed by the Board for the sale, storage, packaging or manufacturing of toxic chemicals.

Before any importation, distribution, packaging or sale of a toxic chemical may occur the PTCCB must issue an establishment permit.

REQUIREMENTS FOR PACKAGING, STORAGE AND SALE OF TOXIC CHEMICALS

The following are the requirements for packaging, storage and sale of toxic chemicals:

Premises shall be constructed as follows -

- [a]** areas and sections of the premises used for the storage or the exposure for sale shall be clearly defined and shall be identifiable by permanent signs, together with the appropriate warning marks fixed above the entrances;
- [b]** the sales area shall be separated from areas used for repackaging toxic chemicals, so as to minimize the movement of chemical vapours into the sales area where customers have access;



- [c] electrical wiring shall comply with the relevant authorities and accompanied by the relevant certificates;
- [d] an adequate supply of water shall be readily available on the premises at all times for the purpose of washing of the body and washing away spillages into sumps;
- [e] eyewash fountains with a regular supply of filtered water shall be available at all times;
- [f] facilities for the disposal of empty packages and containers and spilled or waste toxic chemicals shall be such as to avoid any harmful effect on human health and the environment;
- [g] covered dustbins and other receptacles for waste and spillages shall be made of materials able to resist corrosion by toxic chemical waste and shall be made sufficiently secure to discourage the removal of waste material by unauthorized persons and to prevent spillage;
- [h] first aid facilities shall be readily available on the premises to assist in countering the adverse effects of chemicals in intimate contact with humans through cuts, wounds, eyes, nostrils and otherwise;
- [i] Fumehoods/extractor fans shall be used to ensure adequate ventilation and reduction of fumes during decanting and repackaging.
- [j] **All other storage facilities requirements already established by the PTCCB shall apply.**

PACKAGING CONTAINERS

- [k] Toxic chemical repackaging containers must be suitable and correctly labelled. Chemicals shall be stored only in closed/sealed packages or containers;
- [l] Containers and packaging for chemicals must be sufficiently mechanical, thermal and chemical resistant;
- [m] Chemicals must not be stored in containers or packages that could be mixed-up due to their form or labels with containers or packages which contain food;



- [n]** Labels must be approved by the Board, before use on packaging containers;
- [o]** Materials used for repackaging must be separate for each chemical being repackaged. To prevent cross contamination, which can result in fire, explosions, harm to human health and environment.

PERSONNEL PROTECTIVE EQUIPMENT

- [p]** Appropriate personal protective equipment (PPE) must be provided for all employees and shall be used;
- [q]** The protective equipment must be chemical resistant and suitable. These are:
 1. protective gloves
 2. safety shoes
 3. safety glasses/goggles
 4. protective clothing
 5. respirators
- [r]** Defective PPE must be replaced and safely disposed of by the employer.



WARNING MARKS AND PHRASES

GHS PICTOGRAMS & HAZARDS

LEARN THEM, RECOGNIZE THEM, NEED THEM



SKULLS & CROSSBONES

Acute toxicity (fatal or toxic)



CORROSION

Skin corrosion/burns
eye damage
corrosive to metals



EXPLODING BOMB

Explosives
self-reactives
organic peroxides



FLAME

Flammable / pyrophorics /
self-heating /
emits flammable gas /
self-reactives /
organic peroxides



EXCLAMATION MARK

Irritant (skin, eyes) /
skin sensitizer / acute toxicity /
narcotic effects /
respiratory tract irritant /
hazardous to ozone layer



HEALTH HAZARDS

Carcinogen /
mutagenicity /
reproductive toxicity /
respiratory sensitizer /
target organ toxicity /
aspiration toxicity



GAS CYCLINDER

Gas under pressure



FLAME OVER CIRCLE

Oxidizers



ENVIRONMENT

Aquatic toxicity