

MATERIAL SAFETY DATA SHEET (MSDS) LIZO CONTROL

Section 1 - Identification Of Chemical Product And Company

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Substance: This is a sugar derivative.
Trade Name: Repticide
Product Use: For the control of lizards as directed on product label.
Creation Date: February, 2006
This version issued: September, 2015

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is not classified as Hazardous according to the criteria of Chemical control act (Mauritius).

Risk Phrases: R20/22. Harmful by inhalation and if swallowed.
Safety Phrases: S20, S38. When using, do not eat or drink. In case of insufficient ventilation, wear suitable respiratory equipment.
SUSDP Classification: S6
ADG Classification: None allocated. Not a Dangerous Good.
UN Number: None allocated

Emergency Overview

Physical Description & colour: White powdered solid.
Odour: Faint odour.
Major Health Hazards: harmful by inhalation and if swallowed.

Potential Health Effects

Acts as a narcotic. Symptoms of poisoning include effects on the nervous system and retardation of metabolism leading to initial stimulation incoordination, ataxia and sedation. Ingestion of large quantities may reduce body temperature to a fatal level.

Inhalation

Short term exposure: Significant inhalation exposure is considered to be unlikely. Long term inhalation of high amounts of any nuisance dust may overload lung clearance mechanism. Available data shows that this product is harmful, see below for symptoms of overexposure.
Long Term exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short term exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort in normal use.
Long Term exposure: No data for health effects associated with long term skin exposure.

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Eye Contact:

Short term exposure: Exposure via eyes is considered to be unlikely. This product is believed to be not irritating to eyes.

Long Term exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short term exposure: Significant oral exposure is considered to be unlikely. Available data shows that this product is harmful. This product is unlikely to cause any irritation problems in the short or long term.

Long Term exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

NOHSC: No significant ingredient is classified as carcinogenic by NOHSC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 3 - Composition/Information on Ingredients

Ingredients CAS No, Conc,% TWA (mg/m³) STEL (mg/m³)

Alpha chloralose 15879-93-3 at 1%

Sugar based syrup 99%

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

You should call your medical practitioner if you feel that you may have been poisoned, burned or irritated by this product. Have this MSDS with you when you call.

Inhalation: If symptoms of poisoning become evident, contact a Poisons Information Centre, or call a doctor at once. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. DO NOT allow victim to move about unnecessarily. Symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.

Skin Contact: No specific health data is available for this product. If any unusual symptoms become evident, or if in doubt, contact your doctor.

Eye Contact: First aid is not generally required. If in doubt, contact your doctor.

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Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact your doctor. Avoid giving alcohol.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product, if scattered, may form flammable or explosive dust clouds in air. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. Do not scatter spilled material with high pressure water jets.

Flash point: Not flammable.

Upper Flammability Limit: No data.

Lower Flammability Limit: No data.

Auto-ignition temperature: No data.

Flammability Class: No data.

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. Wear full protective clothing including eye/face protection. All skin areas should be covered. See above under Personal Protection regarding the dangerous chemical control act relating to personal protective equipment. Suitable materials for protective clothing include rubber, PVC.

Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in cleanup area, we recommend that you use a suitable Dust Mask.

Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services.

This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

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Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed.

The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: This product is a controlled Poison by the pesticide control board. Observe all relevant regulations regarding sale, transport and storage of this class of poison. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10.

Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The Occupational health and safety act (2005-) revised in 2007: section 67: Substances hazardous to health will provide general advice regarding safety:

<http://attorneygeneral.govmu.org/English/Documents/A-Z%20Acts/O/OCCUPATIONAL%20SAFETY%20AND%20HEALTH%20ACT,%20No%2028%20of%202005.pdf>

Exposure limits have not been established for this product.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that

the work environment remains clean and that dusts are minimised.

Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when handling this product.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask. Use a P1 mask, designed for use against mechanically generated particles eg silica & asbestos.

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Section 9 - Physical and Chemical Properties:

Physical Description & colour: White powdered solid.

Odour: Faint odour.

Boiling Point: Not applicable.

Freezing/Melting Point: Decomposes before melting.

Volatiles: No specific data. Expected to be low at 100°C.

Vapour Pressure: No data.

Vapour Density: No data.

Specific Gravity: Approx 0.5

Water Solubility: Slightly soluble - 0.45g/100mL water at 15°C.

pH: No data.

Volatility: No data.

Odour Threshold: No data.

Evaporation Rate: No data.

Coeff Oil/water distribution: No data

Autoignition temp: No data.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities: strong acids, strong bases, strong oxidising agents.

Fire Decomposition: Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Hydrogen chloride gas, other compounds of chlorine, Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product is unlikely to undergo polymerisation processes.

Section 11 - Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient Risk Phrases

Alpha chloralose: LD50 Oral, Rat 400mg/kg LD50 Oral, Mouse = 32mg/kg

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Section 12 - Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long term environmental problems.

Section 13 - Disposal Considerations

Disposal: Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site. This product should be suitable for landfill. However, check with local Waste Disposal Authority before sending there. Note that product properties may have been changed in use, significantly altering it's suitability for landfill. Please do NOT dispose into sewers or waterways.

Section 14 - Transport Information

This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

The following ingredients: alpha chloralose is not yet mentioned in the dangerous chemical control act

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Section 16 - Other Information

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

CAS number Chemical Abstracts Service Registry Number

IARC International Agency for Research on Cancer

NOS Not otherwise specified

NTP National Toxicology Program (USA)

R-Phrase Risk Phrase

SUSDP Standard for the Uniform Scheduling of Drugs & Poisons

UN Number United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

This MSDS is prepared in accord with the Dangerous Chemical Control Act (2004) of Mauritius

<http://attorneygeneral.govmu.org/English/Documents/A-Z%20Acts/D/Page%201/DANGEROUS%20CHEMICALS%20CONTROL%20ACT,%20No%2016%20of%202004.pdf>