Material Safety Data Sheet

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Section 1 Supplier Information and Product Information

Chemtica Internacional, S.A.
Industrial Park Z Sta Rosa
Sto. Domingo, Heredia
Costa Rica 003105

Emergency Phone Numbers:
1-800-424-9300
Chemtrec (North America) Emergency Number

1-703-527-3887
Chemtrec (International) Emergency Number

506-83819973, 506-2261-2424
Chemtica Internacional

Product Name: Leaf alcohol
Product Code: P248-Lure
This product is composed of Z3-hexenol formulated in a pouch of semipermeable food grade plastic. The pouch is packed in an impermeable bag for shipping and storage. This product is intended for use in forests.

Section 2 Hazards Identification

Emergency Overview: Flammable. Irritant.
Irritating to eyes, respiratory system and skin.
HMIS® Rating
Health: 1
Flammability: 2
Reactivity: 0
Protection: B
For additional information on toxicity, please refer to section 11.

Section 3: Composition / Information on Active Ingredient

Active ingredient:
Name: Cis -3-hexen-1-ol
CAS # 928-96-1
UN#: 1987
RTECS #: MP8400000
Formula: $C_6H_{12}O$
Synonyms: Z3-hexenol, cis-3-hexenol, 3-hexen-1-ol, Leaf alcohol

Section 4 First Aid Measures

Oral Exposure: Harmful liquid enclosed in flexible plastic pouch. Very difficult to swallow unless plastic pouch is punctured and liquid active ingredient is release. If active ingredient is swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

Inhalation Exposure: If active ingredient is inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Dermal Exposure: Product may cause irritation from prolonged (days of continuous) direct exposure to devices as would occur if devices were carried in clothing. In case of skin contact with the full-strength active ingredient, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Eye Exposure: Active ingredients irritating to eyes. In case of contact of full-strength liquid active ingredient with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 Fire Fighting Measures
Flammable Hazard: Yes
Explosion Hazards: Container explosion may occur under fire conditions.
Flash Point: 112 °F 44 °C method: closed cup
Autoignition Temp: N/A
Flammability: N/A
Extinguishing Media Suitable: carbon dioxide, dry chemical powder, or appropriate foam.
Unsuitable: water may be effective for cooling, but may not effect extinguishment.
Firefighting Protective Equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s): Flammable liquid. Emits toxic fumes under fire Conditions. Vapor may travel considerable distance to source of ignition and flash back.

Section 6 Accidental Release Measures
Procedure to be followed in case of leak or spill of active ingredient:
Evacuate area.
Shut off all sources of ignition.
Use non-sparking tools.
Procedure(s) of Personal Precaution(s):
Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.
Methods for Cleaning Up:
Cover with an activated carbon adsorbent, take up and place in closed containers. Transport outdoors. Ventilate area and wash spill site after material pickup is complete.

Section 7 Handling and Storage
Handling: Handling: Keep the dispenser lures inside the package until use. Put the lure inside a trap or attach to tree as per product instructions, do not puncture, tear or cut open the lure.
User exposure:
Avoid contact with eyes, skin, and clothing.
Do not breathe vapor.
Avoid prolonged or repeated exposure.
Storage Suitable:
Keep container closed.
Keep away from heat, sparks, and open flame.

Section 8 Exposure Controls / PPE
Engineering controls:
Safety shower and eye bath.
Use non-sparking tools.
Mechanical Exhaust required.
Personal protective equipment:
Respiratory: government approved respirator.
Hand: compatible chemical-resistant gloves.
Eye: chemical safety goggles.
General hygiene measures:
Wash thoroughly after handling.

Section 9 Physical / Chemical Properties
Odor Description: Powerful, fresh, green grass odor..
Refractive Index: 1.439 : 1.441 at 20 deg C
Specific Gravity: 0.846 : 0.850 at 25 deg C
Flash Point: 142 deg F (CC) 61 C
Boiling Point (approx): 75 C @ 27 mmHg
Solubility: Very slightly soluble in water.
Regulatory Status: TSCA AICS CHINA DSL ECL EINECS(213-192-8) JAPAN PICCS
RIFM Monograph: YES
Natural: NO
Nature Identical: YES
Shipped as Dangerous Good: NO

Section 10 Stability and Reactivity
Stability: Stable. Materials to avoid: strong oxidizing agents. Strong reducing agents.
Hazardous decomposition products: Carbon dioxide and carbon monoxide.
Hazardous polymerization: Will not occur.

Section 11 Toxicological Information
Route of exposure:
Skin contact: Causes skin irritation.
Skin absorption: May be harmful if absorbed through the skin.
Eye contact: Causes eye irritation.
Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.
Ingestion: May be harmful if swallowed.
Toxicity Data:
Oral Rat
LD50: 4700 mg/kg
Intraperitoneal Rat
LD50: 600 mg/kg
Oral Mouse
LD50: 7000 mg/kg
Intraperitoneal Mouse
LD50: 400 mg/kg

Skin Rabbit
LD50: >5000 mg/kg

Section 12 Ecological Information
No data available.

Section 13 Disposal Considerations
Appropriate method of disposal of substance or preparation
Contact a licensed professional waste disposal service to dispose of this material. This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.
Safe Handling of Wastes
Refer to Section 8 for information pertaining to personal protective equipment and exposure controls when handling this material for disposal.
Community Provisions
Dispose of this material at a local, state or federally approved landfill, incinerator or recovery facility.

Section 14 Transport Information
Class Pack Group Sub. Risk
UN No. IMDG
Road(U.S.-DOT): not regulated.
Air (IATA): not regulated.
Sea (IMDG): not regulated.

Section 15 Regulatory Information
EU additional classification
R:10
Risk statements: Flammable.
S: 16
Safety statements: Keep away from sources of ignition – no smoking.
US classification and label text:
Indication of danger: Flammable.
Safety statements: Keep away from sources of ignition – no smoking.
United States regulatory information
SARA listed: No
TSCA inventory item: Yes
Canada regulatory information
WHMIS classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL: Yes
NDSL: No

Section 16 Other Information

HMIS® Hazardous Materials Identification System

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA.

Acronyms: NTP (National Toxicology Program); IARC (International Agency for Research on Cancer); OSHA (Occupational Health and Safety Administration); DOT (U.S. Dept. of Transportation)

Disclaimer:

For use in forests.

Warranty .

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