

Material Safety Data Sheet
Prepared September 6, 2013
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Section 1 Supplier and Product Information



Industrial Zone La Valencia, 100 M East 300 M South
Santo Domingo Heredia 40306 Costa Rica
001-506-2261-2424 Chemica Internacional

Name: Xylinalure

Section 2 Hazards Identification

HMIS HAZARD CLASSIFICATIONS

HEALTH = 0 FLAMMABILITY = 2 REACTIVITY = 0 PROTECTION = B

LABEL PRECAUTIONARY STATEMENTS

U.S. HAZARD LABELING

Combustible (USA) Flammable (EU)

POTENTIAL ACUTE HEALTH EFFECTS

Hazardous in case of eye contact (irritant), of ingestion. Hazardous in case of skin contact (irritant), of inhalation (irritant).

POTENTIAL CHRONIC HEALTH EFFECTS

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Section 3: Composition / Information

Formula: C₂₁H₄₂O

CAS: Not available

Molecular Weight: 310.56g/mol

Name: [(7R,8S)-cis-7,8-epoxy-2-methyleicosane]

Section 4 First Aid Measures

INHALATION EXPOSURE: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

EYE CONTACT: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open..

SKIN CONTACT: In case of contact, immediately wash skin with soap and plenty of water.

INGESTION: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water if the person is conscious. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Section 5 Fire Fighting Measures

FIRE FIGHTING MEDIA AND INSTRUCTIONS:

SMALL FIRE: Use "alcohol " foam, dry chemical or CO₂ .

LARGE FIRE: Use very large quantities of water applied as a mist or spray, CO₂, fog or foam; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard (s): Combustible liquid. Emits toxic fumes under fires conditions.

Section 6 Accidental Release Measures

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL: Evacuate area.

PROCEDURE (S) OF PERSONAL PRECAUTION (S): Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP: Cover with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

Section 7 Handling and Storage

HANDLING: Observe all warnings and precautions listed for the product. Use in accordance with good manufacturing and industrial hygiene practices. Use product in a properly ventilated work area. Do not eat, drink or smoke while handling product. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE: Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Store at 2-8°C.

FIRE PROTECTION: Keep away from heat, sparks, and open flame.

Section 8 Exposure Controls / PPE

ENGINEERING CONTROLS: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

PERSONAL PROTECTION: Splash goggles, lab coat, vapor respirator. Be sure to use an approved/certified respirator or equivalent, gloves.

PERSONAL PROTECTION IN CASE OF A LARGE SPILL: chemical safety goggles, full suit, vapor respirator (full face), boots, compatible chemical-resistant gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 9 Physical / Chemical Properties Available for Active Ingredient information on basic physical and chemical properties

- a) Appearance Form: liquid
- b) Odour: no data available
- c) Melting point/freezing point: no data available °C
- d) Initial boiling point and boiling range: 160 °C at 760 mmHg
- e) Flash point: 62 °C (Closed Cup)
- f) Vapour pressure: no data available
- g) Relative density: 0.85 g/cm³
- h) Water solubility: no data available
- i) Partition coefficient: n-octanol/water: no data available.
- j) Viscosity: no data available
- k) Refraction index: no data available

Section 10 Stability and Reactivity

INCOMPATIBILITIES

STABLE: Stable.

MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

HAZARDOUS POLIMERIZATION: Will not occur

Section 11 Toxicological Information

ACUTE EFFECTS

Most likely route of entry is through the skin.

Full strength may be irritating to skin and eyes.

THRESHOLD LIMIT VALUE (TLV): Not established

OSHA PERMISSABLE EXPOSURE LIMIT (PEL): Not established

LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

Section 12 Ecological Information

GENERAL

Prevent contamination of soil, ground- and surface water.

Section 13 Disposal Considerations

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

Section 14 Transport Information

UN number: 1993

ADR/RID: - IMDG: - IATA: 1993

Transport hazard class(es): 3

ADR/RID: - IMDG: - IATA: -

Packaging group: III

ADR/RID: - IMDG: - IATA: -

Environmental hazards:

ADR/RID: no. IMDG Marine pollutant: no. IATA: no.

Section 15 Regulatory Information

REVIEWS, STANDARDS, AND REGULATIONS

This chemical is listed on the following inventories: TSCA NDSL

LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

Section 16 Other Information

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