



SILVANDERSSON SWEDEN AB

Material Safety Data Sheet

Tribolium species Pheromone Dispenser

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : *Tribolium* species pheromone dispenser
Article no. : LL415
Date : 2012-04-26
Company : Silvanderrsson Sweden AB
Address : Lagavägen 28, SE-310 20 Knäred, Sweden
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2. HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATIONS

HEALTH = 1 FLAMMABILITY = 1 REACTIVITY = 0 PROTECTION = B

LABEL PRECAUTIONARY STATEMENTS: May be irritating to skin and eyes.

EU 67/548/EEC (DSD) DETERMINATION

Based on toxicological studies in the published literature, there are no risk and safety phrases to assign for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: (4R,8RS)-4,8-Dimethyldecanal

CAS #: MIXTURE

MF: C₁₂H₂₄O

Minimum Purity: 90.0%

SYNONYM(S)

Tribolure

4. FIRST-AID MEASURES

INHALATION EXPOSURE: Remove to fresh air. Give oxygen and call a physician.

EYE CONTACT: Flush with water for 15 min. Seek medical help if necessary.

SKIN CONTACT: Wash area well with water. Seek medical help if necessary.

INGESTION: Administer water and call a physician or poison control centre immediately. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO₂, FOAM, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: Use standard fire fighting procedures.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Standard absorbents can be used.

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

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.

STORAGE: Keep only in the original packaging in a cool, dry, well ventilated place. Store away from heat and out of direct sunlight. The product may be stored in a freezer.

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

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Mechanical (general)
RESPIRATORY: Usually not required.
SKIN: Rubber gloves
EYES: Splash-proof safety glasses.
OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE: pale yellow liquid
ODOR DESCRIPTION: not established
BOILING POINT: 166°C at 24mm Hg
VAPOR PRESSURE: Not found
VAPOR DENSITY (Air = 1): > 1
SPECIFIC GRAVITY @ 25C (water = 1):
SOLUBILITY IN WATER: Not Soluble
FLASH POINT (CC):

10. STABILITY AND REACTIVITY

INCOMPATIBILITIES CONDITIONS TO AVOID: Presents no special reactivity hazard.
MATERIALS TO AVOID: Strong oxidizing agents
HAZARDOUS COMBUSTION PRODUCT: CO, CO₂, water

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

12. ECOLOGICAL INFORMATION

GENERAL: Prevent contamination of soil, ground- and surface water.

13. DISPOSAL CONSIDERATION

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

14. TRANSPORT INFORMATION

<u>Class</u>	<u>Pack Group</u>	<u>Sub. Risk</u>	<u>UN No.</u>
Road(U.S.-DOT):	not regulated.		
Air (IATA):	not regulated.		
Sea (IMDG):	not regulated.		

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Silvanderrsson Sweden AB shall not be held liable for any damage resulting from handling or from contact with the above product.