

MATERIAL SAFETY DATA SHEET
Printed: September 18, 2008 17:01:46

Product #: RSECCHFLR ROSE CHAFER LURE (50:50 A-IONONE, HEXANOIC ACID)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

BEDOUKIAN RESEARCH, INC.
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UNITED STATES
Phone: 1-203-830-4000

Emergency Phone Numbers:
1-800-424-9300 Chemtrec (North America)
1-703-527-3887 Chemtrec (International)

Product Code: RSECHFLR
Product Name: ROSE CHAFER LURE (50:50 A-IONONE, HEXANOIC ACID)
Last Revision: September 18, 2008

SECTION 2. HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATIONS

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

LABEL PRECAUTIONARY STATEMENTS

U.S. HAZARD LABELING

Irritating to skin and eyes.

EUROPEAN R PHRASES

Irritating to eyes and skin.

EUROPEAN S PHRASES

Wear suitable gloves.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS #: MIXTURE

MF: MIXTURE

EC NO: MIXTURE

SYNONYM(S):

a-Ionone [127-41-3] and Hexanoic acid [142-62-1]

SECTION 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 center immediately. Do not induce vomiting.

SECTION 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

SECTION 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.

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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.

STORAGE:

Container: NO METAL Store tightly sealed container in a cool, well-ventilated area.

FIRE PROTECTION:

Keep away from heat, sparks, and open flame.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION:

Local exhaust preferred. General ventilation required.

RESPIRATORY:

Usually not required. Avoid inhaling concentrated vapors.

SKIN:

Avoid skin contact. Use chemical resistant gloves.

EYES:

Splash-proof safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT:

Safety shower, eye wash.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

Liquid

APPEARANCE:

yellow liquid

ODOR DESCRIPTION:

fruity with strong fatty background

BOILING POINT:

215°C atmospheric

VAPOR PRESSURE:

not established

VAPOR DENSITY (Air = 1):

>1

SPECIFIC GRAVITY @ 25°C

(water = 1):

0.9289:0.9289

SOLUBILITY IN WATER:

Slightly soluble in water.

FLASH POINT (CC):

235°F 112°C

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITIES:

CONDITIONS TO AVOID:

Presents no special reactivity hazard.

MATERIALS TO AVOID:

Strong oxidizing agents. Alkaline materials.

HAZARDOUS COMBUSTION PRODUCTS:

CO, CO2

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

Most likely route of entry is through the skin. Avoid contact with skin.

RTECS NUMBERS:

RTECS: (Hexanoic acid) MO5250000

IRRITATION DATA:

Skin Rabbit: irritant effects, moderate to severe. (a-Ionone)

Skin Rabbit: irritant effects, moderate, score = 4. (Hexanoic acid)

TOXICITY DATA:

LD50 Gavage (mouse): 7000 mg/kg. (a-Ionone)

LD50 Gavage (rat): 6164 mg/kg (Hexanoic acid)

THRESHOLD LIMIT VALUE (TLV):

Not established

OSHA PERMISSIBLE 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.

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SECTION 13: DISPOSAL CONSIDERATION

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

SECTION 14: TRANSPORT INFORMATION:

Proper Ship Name:

	<u>Class</u>	<u>Pack Group</u>	<u>Sub. Risk</u>	<u>UN No.</u>
Road (U.S. - DOT):	n/a	n/a	n/a	
Air (IATA):	n/a	n/a	n/a	
Sea (IMDG):	n/a	n/a	n/a	

NOTE: n/a - not applicable.

Transport Label(s):

SECTION 15: REGULATORY INFORMATION

EUROPEAN INFORMATION: The following risk and safety phrases were assigned based on toxicological studies in the published literature:

R36/38

Irritating to eyes and skin.

S37

Wear suitable gloves.

REVIEWS, STANDARDS, AND REGULATIONS:

This chemical is listed on the following inventories:

TSCA AICS CHINA DSL ECL EINECS (MIXTURE) ENCS PICCS

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

SECTION 16: OTHER INFORMATION

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