



Material Safety Data Sheet

Product: STORGARD® CFB/RFB™ Pheromone Lure for *Tribolium confusum* and *castaneum*

MSDS Date: 11/06/2007
Product Name: STORGARD® CFB/RFB™ Pheromone Lure for *Tribolium confusum* and *castaneum*
Manufacturer: Trécé, Incorporated

I. Product and Company Description

Company: Trécé Incorporated, P.O. Box 129, Adair, OK 74330
Emergency Phone Number: (918) 785-3061
For Product Information: (918) 785-3061
Product Name: STORGARD® CFB/RFB™ Pheromone Lure for *Tribolium confusum* and *castaneum*
Active Ingredient: (4R,8RS)-4,8-Dimethyldecanal
Synonym(s): 4,8-Dimethyldecanal

II. Chemical Composition / Information on ingredients

Active Ingredient: (4R,8RS)-4,8-Dimethyldecanal
CAS Number: 75983-36-7E
Molecular Formula: C₁₂H₂₄O
Dispenser: Elastomer-based solid

MSDS based on active ingredient(s) unless otherwise indicated; active ingredient(s) belong to a class of compounds generally regarded as safe; finished product contains very low amounts of active ingredient(s) (<1.0%)

III. Hazards Identification

HMIS Hazard Classifications: Health = 1; Flammability = 1; Reactivity = 0; Protection = B
**Label Precautionary Statements/
U.S. Hazard Labeling:** May be irritating to skin and eyes

IV. First-Aid Measures (for finished product)

Eye Contact: Flush with water for 15 minutes. Seek medical help if necessary.
Skin Contact: Wash area well with water. Seek medical help if necessary.
Inhalation Exposure: Very unlikely to occur. Remove to fresh air.
Ingestion: Very unlikely to occur. Administer water and call a physician or poison control center immediately. Do not induce vomiting.

V. Fire Fighting Measures (for finished product)

Flash Point: Not Determined
Autoignition Temperature: Not Determined
Flammability Limits (vol/vol%): **Lower:** ND; **Upper:** ND
Extinguishing Media: Carbon dioxide (CO₂), foam, dry chemical.
Special Fire Fighting Procedures: If burned, stay out of smoke. Use standard fire fighting procedures.
Unusual Fire and Explosion Hazards: None

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VI. Accidental Release Measures (for finished product)

Cleanup and Disposal of Spill: Collect dispensers, reseal packages. Wash the area.
Waste Disposal: Waste resulting from this product may be disposed on site or at an approved waste disposal facility in accordance with local, state, and federal regulations.

VII. Handling and Storage (for finished product)

Handling: Avoid skin and eye contact. Avoid breathing vapors. Use product in a properly ventilated work area. Wash hands after handling. Do not eat, drink, or smoke while handling product.
Storage: Store tightly sealed under inert gas in a cool, well-ventilated area.
Fire Protection: Keep away from heat, sparks, and open flame.

VIII. Exposure Controls / Personal Protection (for finished product)

Ventilation: Mechanical (general)
Respiratory Protection: Not usually required under normal use
Eye / Face Protection: Not usually required under normal use
Skin Protection: Recommended use of rubber gloves
Other Protective Equipment: Recommended availability of safety shower and eye wash

IX. Physical and Chemical Properties

Active Ingredient: (4R,8RS)-4,8-Dimethyldecanal
Physical State: Liquid
Physical Appearance: Colorless liquid
Odor: Strong grassy odor
Boiling Point: 166°C at 24 mm Hg
Vapor Pressure: Not found
Specific Gravity at 25°C (water = 1): 0.80
Water Solubility: Insoluble in water, soluble in alcohol

X. Stability and Reactivity (for finished product)

Conditions to Avoid: Excessive heat, high humidity
Recommendation: Protect from ignition. Stored in freezer or cold/dry place
Hazardous Combustion Products: CO, CO₂, Water

XI. Toxicological Information

Active Ingredient: (4R,8RS)-4,8-Dimethyldecanal
Acute Effects: Most likely route of entry is through the skin. Full strength may be irritating to eyes.
Threshold Limit Value (TLV): Not established
OSHA Permissible Exposure Limit (PEL): Not established
Listed as Carcinogen by NTP, IARC, or OSHA: No



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XII. Ecological Information

General: Prevent contamination of soil, ground, and surface water.

XIII. Disposal Consideration (for finished product)

Waste Disposal Method: Waste resulting from this product may be disposed on site or at an approved waste disposal facility in accordance with local, state, and federal regulations.

XIV. Transportation Information

Road (U.S. - DOT): Not regulated
Air (IATA): Not regulated
Sea (IMDG): Not regulated

XV. Regulatory Information

European Information: There are no toxicological studies in the published literature to assign risk and safety phrases.
Reviews, Standards, and Regulations: This chemical is listed on the following inventories: TSCA
Listed as carcinogen by NTP, IARC, or OSHA: No

XVI. Other Information

Disclaimer of warranties and limitation of liability:

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