

MATERIAL SAFETY DATA SHEET

MATERIAL IDENTIFICATION

Manufacturer: Not Tonight Deer
Address: 428 West Spruce Lane Louisville, CO 80027
Phone: 888 535-2030
Prepared By: Robert Lind
Date Prepared: 1/05/96
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Product Name: Mole-tov Cocktail and Armadillo Armageddon
Product Type: Non-Toxic Mole and Armadillo Repellent
Ingredients: Castor Oil USP
MSDS No: 0178552-003.001
Target Species: Moles and Armadillos

CHEMICAL Product and Company Identification

Material Identity: Product Name: Castor Oil USP Generic ID: Fatty Acid
Company: Not Tonight Deer
Emergency Telephone #: 1-800-274-5263 24 hours everyday
Regulatory Information Number 1-800-325-3751

Composition/Information on Ingredients

Ingredients: Castor Oil CAS #: 8001-79-4 100%

HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, Ingestion, Skin Absorption
Health Hazards: Non toxic. By nature of the product, no adverse health effects are expected.

However, all industrial chemicals should be handled with caution to avoid unnecessary exposure.

First aid procedures:

Eye contact: flush with water.

Skin Contact: Wash with soap and water.

Swallowing:

If swallowed, seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place

individual on the left side with the head down. If individual is conscious and alert, induce vomiting by giving syrup of ipecac or gently placing two fingers at the back of the throat. If possible, do not leave individual unattended.

Inhalation:

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet and seek immediate medical attention.

FIRE FIGHTING MEASURES

Flash point: 555.0 F (290.5 C)

Explosive Limit: Not Applicable; no special fire hazards are known to be associated with this product.

Autoignition Temperature: No Data

Hazardous Products of Combustion: May form acrolein, carbon dioxide and carbon monoxide; various hydrocarbons.

Extinguishing Media:

Regular foam, water fog, carbon dioxide, dry chemical.

Fire Fighting Instructions:

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating: Not Determined

ACCIDENTAL RELEASE MEASURES

Small Spill

Absorb liquid on vermiculite, floor absorbent or other absorbent material

and transfer to hood.

Large Spill

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent or other absorbent materials.

HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

Skin Protection

Wear resistant gloves such as neoprene. Wear normal work clothing covering arms and legs.

Engineering Controls

Provide sufficient mechanical ventilation to maintain exposure levels below level of overexposure.

No exposure limits established for Castor Oil (8001-79-4)

PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: .959 @ 77.00 F

Liquid Density: 7.98 lbs/gal @ 77.00 F

State: Liquid

Physical Form: Homogeneous solution

Color: Clear, G Color 1 Max

STABILITY AND REACTIVITY

Hazardous Polymerization: Product will not undergo hazardous polymerization.

Hazardous Decomposition: May form acrolein, carbon dioxide and carbon monoxide or various hydrocarbons.

Chemical Stability: Stable

Incompatibility: Avoid contact with strong oxidizing agents.

REGULATORY INFORMATION

US Federal Regulations: TSCA Status

The intentional ingredients of this product are listed

CERCLA RQ 40 CFR 302.4: None

SARA 302 Components-40 CFR 355 Appendix A: None

Section 311/312 Hazard Class-40 CFR 370.2: Immediate, Delayed, Fire, Reactive, Sudden Release of Pressure

SARA 313 Components-40 CFR 372.45: None

State and Local Regulations: California Proposition 65: None

OTHER INFORMATION

The information accumulated herein is believed to be accurate, but is not warranted to be whether originating from the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.