

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be consulted  
for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

## Bonide MoleMax Mole & Vole Repellent

**ID # 691-25b**

Date: August 28, 2008

### Section I

Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

(800) 424-9300

(315) 736-8231

### Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH	TLV	Other Limits	% (Optional)
Ricinus Communis (Castor Oil) CAS # 8001-79-4		N/A	N/A		10%

### Section III - Physical/Chemical Ingredients

APPEARANCE: Granular brown solid      ODOR: Musty, organic  
PHYSICAL STATE: Solid      BOILING POINT: N/A°F  
MELTING POINT: N/A°F      FLASH POINT: >440° F  
SOLUBILITY (H<sub>2</sub>O): Not Soluble, but will make mixture.  
PERCENT VOLATILES: N/A  
pH: N/A  
DENSITY: 65-68 lbs. cu/ft.

### Section IV – First-Aid Measures

PRIMARY ROUTE (S) OF ENTRY: Ingestion, eye and skin contact.  
EYES: Causes moderate eye irritation, possible mechanical irritation. In case of contact, flush eyes with water. If irritation persists, seek medical attention.  
INGESTION: May cause gastric irritation or constipation. Ingestion of material is not likely to cause harmful effects unless in large amount. If person is unconscious, do not give anything by mouth and do not induce vomiting. Practically non toxic.  
SKIN: Wash area with soap and water thoroughly. Skin irritation not likely.

### Section V - Fire/Explosion Hazard Data

FIRE FIGHTING INSTRUCTIONS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.  
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, or Water.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Contact with powerful oxidizing agents may cause fire and /or explosions.

### Section VI - Storage and Handling

STORAGE: Keep Sealed. Store in a cool dry place. Keep out of reach of children. Avoid freezing. After use, wash hands and other exposed skin surfaces prior to smoking or consuming food or beverages.  
HANDLING PRECAUTIONS: As with any pesticide or chemical avoid contact with eyes, skin, or clothing. Wash skin and clothing after handling. Follow good hygiene practices.  
EYES: Safety glasses or goggles.  
INGESTION: Do not ingest.  
SKIN: Wear work gloves or other protective gloves. Wear long pants, long sleeves, and full shoes.  
INHALATION: Unlikely to occur, if irritation occurs, move to fresh air.

## Section VII - Reactivity Data

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STABILITY: Stable

CONDITIONS TO AVOID: NA

INCOMPATIBILITY (Materials to Avoid): Powerful oxidizing agents such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride .

HAZARDOUS POLYMERIZATION: Not known to Polymerize.

## Section VIII - Spill or Leak Procedures

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PRECAUTIONS: Avoid contact with spilled material.

SPILL OR LEAK PROCEDURES: Scoop or sweep us wastes and place in container for disposal.

Keep from water sources.

## Section IX - Environmental and Disposal Information

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CONTAINER DISPOSAL: Wrap and place in trash collection or offer for recycling..

DISPOSAL: Pesticide that cannot be used according to label directions must be disposed of according to Federal, State or local procedures. May be buried in an approved landfill.

WASTE DISPOSAL METHOD: Material, which cannot be used at the site, should be disposed of in an approved waste disposal facility following all applicable Federal, State and local regulations. Do not reuse container, offer for recycling. Do not contaminate water supplies by disposal of wastes or containers. Do not flush in sewers.

DOT Classification: Not Classified as Hazardous.

## KEEP OUT OF REACH OF CHILDREN

### ABBREVIATION KEY

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N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

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