

IDENTITY (As Used on Label and List)

Bonide Rose Shield Ready To Use

ID # 10013664

Date: May 24, 2013

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)
Difenocnazole CAS#119446-68-3				0.017%
Thiamethoxam CAS# 153719-23-4				0.010%
Lambda Cyhalothrin CAS#91465-08-6				0.004%

EMERGENCY OVERVIEW:

WARNING: Harmful if inhaled. Causes mild skin & eye irritation. May be irritating to respiratory tract. May cause temporary itching, tingling, burning or numbness of exposed skin, called paresthesia.

Section III – First Aid

SKIN: Remove contaminated clothing. Wash thoroughly with soap and water- flush with large quantities of water for at least 15 minutes.

EYE: Immediately flush with large quantities of water for at least 15 minutes. Remove contact lens, if present, after 5 minutes and continue flushing.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen if possible. Call a physician.

ORAL: If swallowed, have person sip water if possible to swallow. Do not induce vomiting unless told to do so by Physician or Poison Control Center. Call Physician or Poison Control Center.

Note to Physician: There is no specific antidote for ingestion, treat symptomatically. Skin contact causing paresthesia is transient, lasting up to 24 hours. Treat symptomatically.

Section IV - Fire & Explosion Hazards

FLASH POINT > 200° F

FLAMMABLE LIMITS: NA

EXTINGUISHING MEDIA: Dry chemical or water spray, water fog, CO2, Foam or Sand/Earth. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke fumes or products of combustion. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

UNUSUAL FIRE & EXPLOSION HAZARDS: During a fire irritating and possibly toxic gases may generated by thermal decomposition or combustion.

Section V - Accidental Release Measures

SPILL OR LEAK: Isolate and post spill area. Keep material out of streams and sewers. In case of a large spill or leak, contain liquid with kitty litter or other noncombustible, absorbent material, and then place in clean container for disposal. Dike run off if possible. Scrub area with hard water soap and rinse. Wastes, including spills or rinsates, and leftover pesticide that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.

Section VI – Handling & Storage

HANDLING AND STORAGE: Store in a cool, dry place. Store in original containers only. Protect from freezing. Keep out of the reach of children. Always practice good hygiene when handling this or any chemical. Wash thoroughly with soap and water any exposed areas. Store away from children, domestic animals, food, feed products and water sources. Do not contaminate other stored products or the storage area by handling or storage of this product. Immediately clean up any spills, which occur during handling and storage. Wash hands and other exposed skin surfaces prior to smoking or consuming food or beverages.

Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label.

Section VII – Personal Protective Equipment

EYE PROTECTION: Chemical safety glasses or goggles.

SKIN PROTECTION: Rubber, neoprene, PVC solvent resistant gloves. Long sleeved shirt, long pants, socks and chemical resistant shoes. Neoprene protective type apron or coveralls may be desirable. Wash Thoroughly After Handling. Wash all contaminated clothing separately.

Stringent housekeeping measures are necessary to prevent translocation of the material from contaminated work surfaces to uncontaminated surfaces (railings, doors, etc.) Unprotected skin area (face) with contaminated gloves or clothing.

RESPIRATORY PROTECTION (Specify type): Not normally required. Avoid breathing mist, spray upwind.

VENTILATION PROCEDURE: Use in well ventilated area. Mechanical ventilation may be desired.

Section VIII - Physical Data

APPEARANCE: Pale yellow Liquid

pH: NA

SPECIFIC GRAVITY: @ 20°C appx 1.00

EVAPORATION RATE: N/D

WATER SOLUBILITY: Soluble

ODOR: Mild

VAPOR PRESSURE: No data available

VAPOR DENSITY: N/D

Section XI- Stability

STABILITY: Stable under normal conditions.

INCOMPATIBILITY: None known

POLYMERIZATION: Not applicable.

THERMAL DECOMPOSITION: Protect from open flame and heat sources. May decomposes upon heating.

Section X – Toxicology Information

Not a known teratogenic or reproductive toxicant.

'Not likely to be a carcinogen in humans' based on lifetimes studies in mice and rats.

Other Toxicity Information: In humans contact with exposed skin may result in temporary itching, tingling, burning or numbness, called paresthesia. The effect may result from splash, aerosol, or hot vapor contact or transfer to the face from contaminated gloves and hands. The symptoms normally disappear within 24 hours. Face and genital areas are especially susceptible to this effect.

Section XI - Ecological Information

Product is highly toxic to fish and aquatic life. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. To protect the environment do not allow pesticide to enter or run off into storm drains, drainage ditches, or surface waters.

Section XII - Disposal Information

Do not contaminate other pesticides, fertilizers, water, food or feed by improper storage or disposal.

WASTE DISPOSAL: Because acceptable methods of disposal may vary by location and because regulatory requirements may change, the appropriate regulatory agencies should be contacted prior to disposal.

Section XIII – Transportation

DOT PROPER SHIPPING NAME: Ground Transport (NAFTA) - Not Regulated. Air Transport (NAFTA) – Not Regulated

International Transport: UN3082, Environmentally Hazardous Substance, Liquid, N.O.S (Lambda Cyhalothrin) 9, PG III

Section XIV- Other Regulatory Information

TSCA (Toxic Substances Control Act) Regulations, 40CFR 710. Exempt from TSCA regulation, subject to FIFRA.

SECTION 313 (Title III Superfund Amendment and Reauthorization Act) . Acetphenone (<5%) (CAS 98-86-2)

California Proposition 65: Not Applicable

RCRA: Not Applicable

NFPA: H: 2 F:1 I: 0

NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

KEEP OUT OF REACH OF CHILDREN

ABBREVIATION KEY

N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

ND: Not Determined

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT D.O.T.: DEPARTMENT OF TRANSPORTATION

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.