

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 Rotenone 5%**

**ID No 4224**

Date: October 5, 1998

## Section I

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Bonide Products, Inc. (800) 424-9300  
2 Wurz Ave (315) 736-8231  
Yorkville, NY 13495

## Section II - Hazardous Ingredients/Identity

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Hazardous Components (Specific Chemical Identity: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Cube Powder (Rotenone 83-79-4)	air TWA 5 mg/M3	TWA 5 mg/M3	STEL 10 mg/M3	
Hydrous magnesium silicate CAS # 14807-96-6	None established			

OSHA Nuisance dust limit of 15 mg/M3 and ACGIH Nuisance dust limit of 10 mg/M3 may apply to this mixture.

## Section III - Physical/Chemical Ingredients

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BOILING POINT: NIA	SPECIFIC GRAVITY (H2O=1): NIA
VAPOR PRESSURE (mmHg): NIA	MELTING POINT: NIA
VAPOR DENSITY (AIR=1): NIA	EVAPORATION RATE: NA
SOLUBILITY IN WATER: Insoluble	APPEARANCE AND ODOR: Off-white, free-flowing powder.

## Section IV - Fire and Explosion Data

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FLASHPOINT: NIA  
FLAMMABLE LIMITS: LEL: NIA UEL: NIA  
EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide  
SPECIAL FIRE FIGHTING PROCEDURES: Respiratory protection recommended in confined spaces.

## Section V - Reactivity Data

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STABILITY: Stable  
CONDITIONS TO AVOID: Excess heat, high humidity  
INCOMPATIBILITY (Materials to Avoid): NIA  
HAZARDOUS DECOMPOSITION OR BY PRODUCTS: NIA  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID IF POLYMERIZATION: NA

## Section VI - Health Hazard Information

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ROUTES OF ENTRY: Inhalation, Skin, Ingestion, Eyes  
HEALTH HAZARDS (Acute and Chronic): Skin/eye irritation. Chronic exposure can cause damage to liver and kidneys.

CARCINOGENICITY: NTP: No

IARC Monographs: No

OSHA Regulated: No

SIGNS AND SYMPTOMS OF EXPOSURE: Ingestion or inhalation may cause numbness, nausea, vomiting and/or tremors.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: Induce vomiting. Consult a physician immediately.

SKIN: Flush with water. Consult a physician if irritation develops or persists.

EYES: Flush with water. Consult a physician if irritation develops or persists.

INHALATION: Remove victim to fresh. Consult physician if irritation develops or persists.

**Section VII - Precautions for Safe Handling/Use**

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STORAGE PRECAUTIONS: Store in cool, dry place inaccessible to children and pets.

**CONTROL MEASURES:**

RESPIRATORY PROTECTION: NIOSH approved for pesticide dust.

VENTILATION: Local Exhaust is normally adequate. Special is not normally required.

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: Not normally required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Washable work clothing.

WORK/HYGIENIC PRACTICES: Launder clothing after use. Wash hands before eating or drinking.

**Section VIII - Environmental and Disposal Information**

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SPILL OR LEAK PROCEDURES: Pick up with minimum generation of dust.

WASTE DISPOSAL METHOD: Dispose according to local, State or Federal regulations.

OTHER PRECAUTIONS: Toxic to fish and wildlife. Do not contaminate water.

**KEEP OUT OF REACH OF CHILDREN****ABBREVIATION KEY**

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N/A: NOT AVAILABLE OR APPLICABLE

TLV: THRESHOLD LIMIT VALUE

STEL: SHORT TERM EXPOSURE LIMIT

NIA=NO INFORMATION AVAILABLE

N/E: NOT ESTABLISHED

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

D.O.T.: DEPARTMENT OF TRANSPORTATION

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