

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 Zinc Sulfate

**ID # 056**

Date: March 10, 2008

### Section I

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Bonide Products, Inc.	(800) 424-9300
6301 Sutliff Rd.	(315) 736-8231
Oriskany, NY 13424	

### Section II - Hazardous Ingredients/Identity

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Hazardous Components (Specific Chemical Identity: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
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### Section III - Physical/Chemical Ingredients

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FLAMMABILITY: NE	BOILING POINT: NA	pH: 5.0 @ 10% Solution
VAPOR PRESSURE & DENSITY: NA	SOLUBILITY IN WATER: 50% by weight	
MELTING POINT: Decomposes above 500°C	APPEARANCE: White, powder or granular	

### Section IV - Fire and Explosion Data

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FIRE EXTINGUISHING AGENTS RECOMMENDED: Dry chemical, CO2, water spray or foam; choose agent as appropriate for surrounding material. ENGINEERING CONTROLS: Use containment and/or local exhaust ventilation to control dust. FIRE EXTINGUISHING AGENTS TO AVOID: None  
SPECIAL FIRE FIGHTING PRECAUTIONS: None

### Section V - Reactivity Data

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STABILITY: Stable under normal temperatures and pressures. INCOMPATIBILITIES: None  
DECOMPOSITION: Thermal decomposition may release toxic fumes of zinc. Possibly oxides of sulfur.  
HAZARDOUS POLYMERIZATION: Will not occur

### Section VI - Health Hazard Information

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None Available

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

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STORAGE: Keep dry. OTHER CLOTHING AND EQUIPMENT: None. NORMAL HANDLING: Avoid contact with eyes, skin and clothing. Avoid breathing dust. Maintain good housekeeping practices. PERSONAL HYGIENE: Wash thoroughly after handling and before eating or smoking. PERSONAL PROTECTIONS AND CONTROL MEASURES: RESPIRATORY PROTECTION: Use NIOSH-MSHA approved dust respirator if irritation exists. EYES AND FACE: Glasses, goggles or face shields are recommended if irritation exists. HANDS, ARMS AND BODY: Gloves and protective clothing should be used if irritation exists.

### Section VIII - Environmental and Disposal Information

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EPA HAZARDOUS SUBSTANCE: Yes	FEDERAL RQ QUANTITY: 1000 lb/454 kg
DOT HAZARD CLASS: NOS ORM E NA 9188 RQ	WASTE DISPOSAL METHOD: Landfill or field
RCRA STATUS OF UNUSED MATERIAL: Not listed	

**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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