

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

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

IDENTITY (As Used on Label and List)

**Bonide Leaf Shine & Moisture Guard Ready To Use**

**ID # 116**

Date: May 13, 2009

## Section I

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

(800) 424-9300 (Chemtrec)  
(315) 736-8231

## Section II – Hazardous Ingredients/Identity/Composition

Componets (Specific Chemical Identity: Common Names(s))	OSHA	PEL	ACGIN	TLV	Other Limits	% (Optional)
Polymeric Terpenes (CAS# 31393-98-3) (Pinene Polymer)	None	None	None	None	None	1.5%

## Section III – First Aid Measures

EYES: Flush eyes with water for 15 minutes. Call a physician if irritation persists.

SKIN: Wash thoroughly with soap and water and continue washing for 15 minutes.

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

INGESTION: Do not induce vomiting. Drink 2-3 glasses of water. Contact physician for further treatment.

## Section IV– Fire/Explosion Hazard Data

FLASH POINT: >270 degrees F

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam or Water.

FIRE FIGHTING COMMENTS: Isolate fire area. Evacuate downwind residents and all areas where fire seriously threatens the product containers. Wear full protective clothing including rubber boots, neoprene gloves and self-contained breathing apparatus. Attempt to keep containers cool. Do not breathe or contact smoke or vapors. Contain the run-off, if possible, for proper disposal.

## Section V – Accidental Release Measures

SPILL OR LEAK PROCEDURES: Contain spill; absorb liquids by covering with clay or other absorbent material; vacuum, scoop or sweep up wastes and place in container for disposal. Keep from water sources.

RESPIRATORY PROTECTION: Not generally required; Best practice to use in well ventilated area.

EYE PROTECTION: Safety glasses with side shields, goggles, or face shield are recommended.

SKIN PROTECTION: Long sleeves, impervious or rubber gloves.

## Section VI - Handling & Storage

HANDLING AND STORAGE: Store in original container, tightly closed. 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. No eating, drinking or smoking in work area. Store in a cool, dry place 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.

OTHER PRECAUTIONS: 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.

EYE PROTECTION: Safety glasses, chemical goggles or face shield should be worn. A source of clean water for flushing the eyes should be nearby.

WORK CLOTHING: Wear long-sleeved coveralls or uniform, cap, rubber shoes and rubber gloves.

INHALATION: None under normal conditions, general ventilation.

TLV – N/A

Carcinogenic- N/A

## Section VI – Personal Protection Information

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POTENTIAL HEALTH EFFECTS: Primary Route(s) of Entry: Eye and skin contact.

EYES: May cause mild, reversible eye irritation.

SKIN: May cause mild skin irritation. Repeated exposure may cause mild sensitization. Overexposure may cause irritation to eyes and skin. Redness, stinging, swelling or itching can occur.

## Section VII - Physical and Chemical Properties

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APPEARANCE: White Liquid

ODOR: Slight pine odor

PHYSICAL STATE: Liquid

BOILING POINT RANGE: >212° C

MELTING POINT/FREEZE POINT: ND

VAPOR PRESSURE: ND

VAPOR DENSITY ( Air=1): ND

pH: 6-8

SPECIFIC GRAVITY: 0.99

## Section VIII– Stability & Reactivity Data

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STABILITY: Stable

INCOMPATIBLE MATERIALS: None noted

HAZARDOUS DECOMPOSITION PRODUCTS. Oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur.

AVOID EXCESSIVE TEMPERATURES

## Section X - Ecological Data

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Do not apply directly to water, or to areas where surface water is present or in areas below the mean high water mark.

Do not contaminate water by cleaning of equipment or disposal of water.

## Section XI- Toxicology Information

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POTENTIAL CARCINOGEN STATUS: N/A

## Section XII - Environmental and Disposal Information

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SPILL OR LEAK: Isolate and post spill area. Keep material out of streams and sewers. Contain and absorb spilled material with a solid absorbent such as cat litter, commercial clay or other suitable absorbent. Place in an approved drum and dispose of material following the method outlined below under "Waste Disposal".

WASTE DISPOSAL: 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. Rinse empty containers and offer for recycling or reconditioning, or puncture and dispose of in an approved sanitary landfill. Do not contaminate water supplies by disposal of wastes or containers. Do not flush in sewers.

NFPA HAZARD RATING: Health: 1, Fire: 0, Reactivity: 0, Special: -

DOT: Not regulated

OTHER REGULATORY CLASSIFICATIONS:

SARA TITLE III: EHS – No, CERCLA Reportable – No, Toxic chemicals - No

ERG Guide Sheet: No

**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. FOLLOW LABEL DIRECTIONS CAREFULLY.**

### ABBREVIATION KEY

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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

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