

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 Remedy

ID NO. 1077244

Date: May 27, 1999

Section I

Bonide Products, Inc.
2 Wurz Ave.
Yorkville, NY 13495

(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)
Alkali Metal Bicarbonate CAS # 298-14-6					85%

Section III - Physical/Chemical Characteristics

% VOLATILE: N/A	EYE: N/E	BOILING POINT: N/A	pH 1%: 8.20 - 8.40
PHYSICAL FORM: Powder	VAPOR PRESSURE: N/A	APPEARANCE: White to off-white powder	
SOLUBILITY IN WATER: Appreciable	MOLECULAR WEIGHT: N/A	VAPOR DENSITY: N/A	
ODOR: Mild characteristic odor	SPECIFIC GRAVITY (Water = 1): 0.760 - 0.860 g/cc		
APPARENT DENSITY: 6.3 - 7.2 lbs/gal	VOLATILE ORGANIC COMPOUNDS: NONE < C ₁₂		

Section IV - Fire/Explosion Hazards

FLAMMABLE PROPERTIES:

FLASH POINT: Not combustible.

METHOD USED: Not applicable

FLAMMABILITY:

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Non-combustible material. Use extinguishing media for surrounding fire.

FIRE FIGHTING COMMENTS: Firefighters should wear full protective equipment surrounding fire.

UNUSUAL FIRE/EXPLOSION HAZARD: None known.

Section V - Accidental Release Measures

Scoop into waste containers for disposal. Avoid stirring up dust. Wear skin, eye and respiratory protection (see section VIII). Flush small quantities of uncontaminated material to sewer or other liquid waste system. Solutions may create slippery surfaces. Close off area of spill during cleanup and make sure surface is slip-free before reopening to traffic.

Section VI - Storage and Handling

Store in original containers in a cool dry place away from incompatible materials (acids). If product must be transferred, use only clean containers and keep containers closed during storage. Minimize airborne dust and avoid contact with product during transfer, use and clean up.

Section VII - Reactivity Data

STABILITY: Stable POLYMERIZATION: Will Not Occur CONDITIONS TO AVOID: Direct exposure to prolonged high humidity or other moist/damp conditions may cause product to cake.

DECOMPOSITION: Thermal decomposition may emit carbon dioxide, oxides of sulfur, and potassium oxide.

Section VIII - Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: If dust is generated, use an approved dust respirator. PROTECTIVE GLOVES: Required if repeated or prolonged contact with powder or dusts is expected. Use impermeable gloves for repeated or prolonged contact with solutions. EYE PROTECTION: Chemical goggles recommended when handling powder or solutions to protect from exposure to dusts or mists. OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No special requirements. PROTECTIVE WORK/HYGENIC PRACTICES: No special requirements with respect to chemical exposure beyond those noted above.

Section IX - Health Hazard Data

POTENTIAL HEALTH EFFECTS: EYE: May be irritation but not expected to result in injury. Effects will be minimized with washing. SKIN CONTACT: Not a primary skin irritant. Various severity's of irritation are possible on prolonged, repeated or occluded contact. INGESTION: Inhalation of larger amounts may cause abdominal discomfort and injury. SUBCHRONIC EFFECTS/CARCINOGENICITY: None known. Ingredients are not listed as carcinogens or potential carcinogens by IARC, NTP, OSHA, or ACGIH.

FIRST AID: IF IN EYES: Check for and remove contacts. Immediately flush eyes with clean flowing water, low pressure and lukewarm if possible, occasionally lifting upper and lower eyelids. Seek medical attention. IF INHALED: Remove to area free from risk of further exposure. Treat symptomatically. IF ON SKIN: Remove contaminated clothing. Flush exposed areas thoroughly with water. Seek medical attention if irritation develops. NOTE TO PHYSICIAN: Ingestion of large doses may produce systemic alkalosis. Treatment based on judgement of physician in response to reactions of the patient.

Section X - Disposal Considerations

Landfill in accordance with all local, state and federal environmental regulations. Local and state laws may differ from federal, so be sure to consult with appropriate agencies for specific rules. Dilute and drain small amounts to sewer.

Section XI - Transportation

D.O.T. SHIPPING NAME: Not regulated

D.O.T. HAZARD CLASS: Not regulated

D.O.T. LABELS REQUIRED: None

HAZARDOUS SUBSTANCE/RQ: None

U.N./N.A. Number: None

TECHNICAL SHIPPING NAME: Shipped as ARMICARB™ 100.

Section XII - Miscellaneous Information

Ingredients are reported in the U.S. EPA TSCA Inventory List.

Ingredients are not listed as carcinogens or potential carcinogens by any reference source including NTP Annual Report, IARC Group I or II, OSHA 29CFR Part 1910, Subpart Z, or ACGIH Appendix A.

Contains no toxic chemicals subject to the reporting requirements of SARA Title III, Section 313. Contains no CERCLA reportable materials.

HMIS RATING: Health: 1

Fire: 0

Reactivity: 0

Note: The information contained herein is offered only as a guide to the handling of this specific material. Since such information does not relate to the use of the material with any other material or in any process, any person using this information must determine for himself its suitability for any particular application. The buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.

KEEP OUT OF REACH OF CHILDREN

ABBREVIATION KEY

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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