

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-0; Reactivity-0; Specific-Corrosive		HMIS Rating: Health-1; Flammability-0; Reactivity-0; Personal Protection-B	
Address:	Sorbo Products P.O. Box 1312 Palm Desert, CA. 92261	DOT Hazard Classification: Corrosive solids, n.o.s. (Sulfamic Acid) UN 1759 Haz Class 8, Pkg Group 3, Corrosive Identity (trade name as used on label) SORBO Hard Water Residue Remover	
Date Prepared:	09-13-99	Prepared By:	STAFF
Information Calls:	760-202-4003	MSDS Number	C1108
Fax:	760-202-3003	Revision -	2
sorbo@prodigy.net		NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogen 0.1% or greater)	CAS Number	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcin Ref. Sou
AMIDOSULFONIC ACID	5329-14-6	1 mg / m ³	1 mg / m ³	d
SILICA	61790-53-2	2.5 mg / m ³	2.5 mg / m ³	d

SECTION 2- PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point Range: N/A	Specific Gravity (H ₂ O = 1): N/A
Vapor Pressure: PSIG @ 70° F. (Aerosols): N/A	Vapor Pressure(Non-Aerosols)(mmHg & Temperature): N/A
Vapor Density (Air = 1): N/A	Evaporation Rate (Water = 1) N/A
Solubility in Water: 25%	Water Reactive: No
Appearance: White Powder	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A
FLASH POINT AND METHOD USED(non-aerosols): NONE EXTINGUISHER MEDIA: Not considered a combustible product.		SPECIAL FIRE FIGHTING PROCEDURES: Keep container cool with water; if product is involved in a fire, toxic vapors and gases may be released.
Unusual Fire & Explosion Hazards: Closed containers exposed to excessive may cause the release of sufficient gases to cause an explosion.		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
Incompatibility (Mat. to avoid): Avoid contact with alkalis.	Conditions to Avoid: Excessive heat.

Hazardous Decomposition Products: Sulfur Dioxide

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [X] INGESTION [] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: Inhalation of dust is irritating to respiratory tract and mucous membranes and may give symptoms of headache and nausea.	
Eye Contact: Can cause irritation, redness, tearing, blurred vision.	Skin Contact: Prolonged or repeated contact may cause irritation.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.	
CHRONIC EFFECTS:	
Medical Conditions Generally Aggravated by exposure: Skin disorders.	

EMERGENCY FIRST AID PROCEDURES

Eve Contact: Flush with water for 15 minutes. Get medical attention.
Skin Contact: Wash with soap & water. If irritation persists, get medical attention.
Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration.
Ingestion: Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiration Protection: None normally required.	Eve Protection: Safety Glasses.
Protective Gloves: Rubber or plastic	
Ventilation Requirements: Local exhaust is usually adequate.	
Other Protective Clothing & Equipment: Apron, if desired.	
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Contain spill. If unsalvageable, shovel into disposable containers.
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Store in original containers. Keep closed when not in use.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] ARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only