

# Water Ring & Etch Remover

## Osha's Hazard Communication Standard U.S. Department Of Labor

Identity No:

Name: Water Ring &amp; Etch Remover

### Section 1

Manufacturers Name: Miracle Sealants Company  
 Address: 12318 Lower Azusa Road  
 Emergency Phone: 800-350-1901  
 City: Arcadia  
 State: CA  
 Phone: 626-443-6433  
 Date Prepared: 02 - 2012

### Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV
Potassium Oxalate	6487-48-5	Not Available	Not Available
Ammonium Bifluoride	1341-49-7	Not Available	Not Available
Acrylic Acid	79-10-7	10ppm	Not Available

VOC: 0% by weight (non-regulated)

### Section 3 - Physical/Chemical Characteristics

Boiling point: (3) 141° C  
 Melting point: Not tested  
 Vapor density: (3) 2.5  
 Density: Not Available  
 Available  
 Evaporation rate: Not Available  
 Solubility in organic solvent: Not Available  
 Solubility in water: (1) 25% in weight at 18° C - (2) 45.3% - (3) Complete  
 Physical State: (1) Fine, granular, white, odorless crystals.  
 (2) White, transparent solid. Slight acid odor.  
 (3) Colorless liquid, Sharply acrid odor.  
 Specific Gravity: (1) 2.13 - (2) 1.5 - (3) 1.05

### Section 4 - Fire and Explosion Hazard Data

Flash point (method used): (3) 50 T.C.C.  
 Available  
 Flammable limits: Not Available  
 LEL: 2 UEL: 8 DOT#: None  
 Extinguishing media: Water fog, CO<sub>2</sub>, alcohol or dry chemical  
 NFPA hazard rating - H F R S (0 - Least, 4 - Extreme): 2 0 0 0  
 Special fire fighting procedures: Not Available  
 Unusual fire & explosion hazard: Not Available

### Section 5 - Reactivity Data

Stability: (1) and (3) Stable. (2) Unstable.  
 Conditions to avoid: (2) Heat and any open flame.  
 Incompatible materials to avoid: Strong oxidizers, acids and alkalis, aldehydes, ethers and amines.  
 Hazardous polymerization: May occur.  
 Conditions to avoid: Excessive heat and freezing.  
 Hazardous decomposition products: (2) nh<sub>3</sub> and hf, which are corrosive.

### Section 6 - Health Hazard Data

#### Routes of Entry:

Inhalation - Possible Skin - Possible Ingestion - Possible

Health hazards - Same as signs and symptoms of overexposure.

OSHA Carcinogenicity - None; - NTP - None; - IARC Monographs - None

#### Signs and Symptoms of Over Exposure:

Eyes: Material is ocular irritant &amp; may cause cornea damage. Healing is usually complete if first aid measures have been promptly initiated.

Skin: may cause irritation to skin.

Ingestion: may cause systemic poisoning and cause severe damage to the

esophagus and stomach. May cause hypocalcemia, possibly fatal.

Inhalation: Irritation, may cause coughing &amp; difficult breathing. Excessive inhalation may cause systemic poisoning.

Medical conditions aggravated: Hypocalcemia, liver or kidney diseases.

Signs and symptoms of over exposure: Pain in throat, esophagus and stomach.

#### Emergency and First Aid Procedures:

**Eyes:** Promptly flush plenty of water, lifting eyelids occasionally to facilitate irrigation. Continue for at least 15 minutes.**Skin:** Wash with plenty of soap and water. Then flush with water. Remove clothing upon contamination and wash before reuse.**Ingestion:** do not induce vomiting. Get prompt medical attention. Speed is essential.**Inhalation:** remove victim to fresh air. If exposure to dust or mist was severe, get medical attention.

#### Section 7 - Precautions For Safe Handling And Use

Steps to be taken in case material is released or spilled: Promptly sweep or shovel material into an empty container, avoiding dusty conditions. Label container "poison" &amp; close for later use or disposal. Complete clean-up by flushing residue with plenty of water, skin and eye protection should be used.

Waste disposal method: If permitted by applicable disposal regulations, dispose of waste product via a secure solid waste landfill or dissolve in large quantity of water and discharge to sewer, stepwise if necessary.

Precautions to be taken in handling and storing: Store in a cool, dry place, away from food or feed products. Wash thoroughly after handling. Do not get in eyes, skin, clothing. Keep container closed. Do not ingest.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

#### Section 8 - Control Measures

Respiratory protection: Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Protective gloves: Plastic or rubber chemical resistant.

Eye protection: Tight fitting, splash proof safety glasses or goggles.

Other protective Clothing or equipment: chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

#### Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: Not Available

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

**SARA:** No SARA 313 chemicals identified.**NOTE:** Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.