

----- MATERIAL SAFETY DATA SHEET -----

MISTY LIQUIDATE

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating:  
 Health-3;  
 Flammability-0;  
 Reactivity-0;  
 Special- COR  
 HMIS Rating:  
 Health-3;  
 Flammability-0;  
 Reactivity-1;  
 Personal Protection-C,D  
 Distributor's Name: Myers Supply, Inc.  
 Address: 831 Third St.  
 Hot Springs, AR 71913  
 Date Prepared: 1/20/2005  
 Prepared By:  
 Information Calls: 501-623-7742

EMERGENCY RESPONSE NUMBER: 888-627-8740  
 DOT Hazard Classification: Sulfuric Acid 8  
 Identity (trade name as used on label): MISTY LIQUIDATE  
 MSDS Number: R 990  
 Revision - 9  
 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES  
 AND COMMON NAMES (Hazardous  
 Components 1% or greater; CAS SARA OSHA ACGIH  
 Carcinogens 0.1% or greater) Number III PEL TLV  
 LIST (ppm) (ppm)  
 SULFURIC ACID 7664-93-9 Yes 1mg/M3 1mg/M3  
 Carcinogen Ref. Source \*\*: d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 338 deg C  
 Specific Gravity (H2O=1): 1.835  
 Vapor Pressure: PSIG @ 70 deg F (Aerosols): N/A  
 Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):  
 0.0038 mm/Hg at 20 deg C  
 Vapor Density (Air = 1): 3.38  
 Evaporation Rate ( = 1): N/A  
 Solubility in Water: Complete  
 Water Reactive: Violently  
 Appearance and Odor: Colorless, clear to cloudy liquid with  
 no odor to mild acrid odor.

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  
 SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH / MSHA approved  
 positive pressure self-contained breathing apparatus when  
 any material is involved in a fire. DO NOT allow water to  
 enter containers. Violent reaction results.  
 EXTINGUISHER MEDIA: CO2 or dry chemical. Use water fog to  
 knock down vapors.  
 Unusual Fire & Explosion Hazards: Solutions in contact with  
 metals form hydrogen.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY:  
 STABLE  
 UNSTABLE

HAZARDOUS POLYMERIZATION:

WILL  
 WILL NOT OCCUR  
 Incompatibility (Mat. to avoid): Solvents, oxidizers,  
 reducing agents, combustible materials, organic  
 materials, alkalis, powdered metals, amines, carbides,  
 fulminates chlorates, nitrates, picrates.  
 Conditions to Avoid: Heating. Water on sulfuric acid will  
 cause splattering, fuming and evolution of heat.  
 Hazardous Decomposition Products: Oxides of sulfur.  
 Hydrogen may be evolved in contact with metal.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:

INHALATION  
 INGESTION  
 SKIN ABSORPTION  
 EYE  
 NOT HAZARDOUS

ACUTE EFFECTS: Burns, rapid destruction of all tissue  
 contacted.  
 Inhalation: May cause respiratory irritation. Liquid is  
 corrosive.  
 Eye Contact: Corrosive.  
 Skin Contact: Corrosive.  
 Ingestion: Corrosive.

CHRONIC EFFECTS: Dermatitis or secondary effects of burns,  
 chronic over-exposure may cause tooth erosion, chronic  
 cough.  
 Medical Conditions Generally Aggravated by Exposure: N/A

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. Seek medical  
 attention.  
 Skin Contact: Flush with water for 15 minutes. Seek medical  
 attention.  
 Inhalation: Remove victim to fresh air. Get medical  
 attention.  
 Ingestion: DO NOT INDUCE VOMITING. Drink large volumes of  
 water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Not needed in normal  
 use and handling of product.  
 Protective Gloves: Rubber  
 Eye Protection: Chemical goggles and faceshield.  
 Ventilation Requirements: Normal room ventilation is  
 usually adequate. As required to keep air concentration  
 below PEL.  
 Other Protective Clothing & Equipment: Coveralls, rubber  
 apron and boots. Eyewash station and safety shower.  
 Hygienic Work Practices: Avoid contact with liquid &  
 breathing of mists or vapors. Upon contact with eyes or  
 skin, wash off with water immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Dike  
 spill & soak up with inert absorbent. Shovel or sweep &  
 place in properly labeled approved DOT container & seal  
 for disposal in authorized legal manner. Neutralize area  
 with soda ash & dispose of material properly.  
 Waste Disposal Methods: Dispose of material according to  
 local, state or federal regulations.  
 Precautions To Be Taken In Handling & Storage: Store in  
 original shipping containers. Keep closed when not in  
 use. Follow label directions when using. Shelf life one  
 year.  
 Other Precautions &/or Special Hazards: KEEP OUT OF REACH  
 OF CHILDREN.

MISTY LIQUIDATE

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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.  
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- \*\* Chemical Listed as Carcinogen or Potential Carcinogen.
- [a] NTP
  - [b] IARC Monograph
  - [c] OSHA
  - [d] Not Listed
  - [e] Animal Data Only

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COMPAS Code: 34292520  
1/20/2005 AB