

**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)  
Ammoniated Ultrasonic Solution

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name Santa Fe Jewelers Supply	Emergency Telephone Number (800) 535-5053 International 1-352-323-3500
Address (Number, Street, City, State, and ZIP Code) 1513 Fifth Street	Telephone Number for Information Same
Santa Fe, NM 87505	Date Prepared 10-23-01
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Monoethanolamine CAS#141-43-5	7.5mg/m <sup>3</sup>	7.5mg/m <sup>3</sup>		

**Section III — Physical/Chemical Characteristics**

Boiling Point	210F	Specific Gravity (H <sub>2</sub> O = 1)	1.02
Vapor Pressure (mm Hg.)	Same as Water	Melting Point	N/A
Vapor Density (AIR = 1)	Same as Water	Evaporation Rate (Butyl Acetate = 1)	Same as Water
Solubility in Water	100%		
Appearance and Odor	Dark Red Colored Liquid - Characteristic Odor		

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used)	None	Flammable Limits	N/A	LEL	UEL
Extinguishing Media	Use Water, Spray, Dry Chemical, Foam or Carbon Dioxide.				
Special Fire Fighting Procedures	Wear Full Protective Gear With Breathing Apparatus When Chemicals Are Involved In Fire.				
Unusual Fire and Explosion Hazards	NONE				

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	XX	

Incompatibility (*Materials to Avoid*) Contact With Strong Acids

Hazardous Decomposition or Byproducts None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	XX	

**Section VI — Health Hazard Data**

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (*Acute and Chronic*) Unknown

Carcinogenicity: NTP? NO IARC Monographs? No OSHA Regulated? No

**Signs and Symptoms of Exposure**

Eyes - Mild Discomfort and slight redness. Skin - Slight irritation, prolonged exposure with more severe irritation with redness and swelling. Inhalation - Nose & throat irritation, headache, nausea and drowsiness. Ingestion - Abdominal discomfort, nausea & diarrhea.

**Medical Conditions**

Generally Aggravated by Exposure Unknown

**Emergency and First Aid Procedures**

Eyes - Flush with water for 15 minutes, get medical attention. Skin - Flush with soapy water. Inhalation - Remove to fresh air. Ingestion - Give large amounts of water. If conscious induce vomiting. Get medical attention.

**Section VII — Precautions for Safe Handling and Use****Steps to Be Taken in Case Material is Released or Spilled**

Mop up excess and rinse down residual.

Waste Disposal Method to drain, sewer or waste treatment (per local code)

**Precautions to Be Taken in Handling and Storing**

Keep container closed when not in use. Store in well ventilated area away from incompatible materials. Wear applicable protection when handling.

**Other Precautions****Section VIII — Control Measures**

Respiratory Protection (*Specify Type*) None

Ventilation	Local Exhaust	Special
	Mechanical ( <i>General</i> )	

Protective Gloves Rubber or plastic Eye Protection Safety glasses or goggles

Other Protective Clothing or Equipment None

Work/Hygienic Practices