

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled)

ULTRASONIC CLEANER

Supplier Information:

Santa Fe Jewellery Supply

1513 Fifth Street Santa Fe, NM 87505

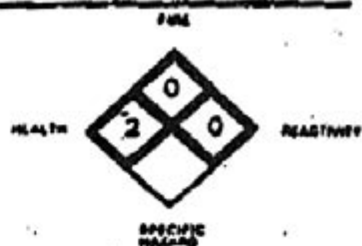
Phone number for additional information:

(213)933-0939

Date prepared or revised

August 1994

HAZARD RATING
0 = LEAST
1 = MODERATE
2 = MODERATE
3 = SEVERE
4 = EXTREMELY



II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	Percent	Exposure Limits in Air (give units)	
			ACGIH TLV	HAZARD
Dodecyl Benzene Sulfonic Acid	25155-30-0	1-5%	Rat LD-50 = 1.26mg/Kg Rabbit 500 mg/24 Hrs. Moderate Irritation	Corrosive
Trisodium Phosphate	10101-89-0	1-5%	LD - 50 (Rat) - 6500mg/Kg (PNC)	
Sodium Metasilicate	6834-92-0	1-5%	Acute Oral LD 50 - 600mg/Kg (Rat) Skin irritant: 250mg/24hr. (Rabbit)	
Ammonia (28%)	1336-21-6	1-5%	25ppm	

III. PHYSICAL PROPERTIES

Vapor density (air=1) > 1
Specific gravity 1.024
Solubility in water Complete
Vapor pressure, mmHg at 20 °C < 20 mm Hg
Appearance and odor Pink liquid, with characteristic pleasant odor.

Melting point or range, °F 40 °F
Boiling point or range, °F at 760 mm Hg. > 212 °F
Evaporation rate (butyl acetate = 1) < 1
Percent Volatiles by Volume 92.22%

IV. FIRE AND EXPLOSION

Flash Point, °F (give method): None

Auto ignition temperature: F N/A

Flammable limits in air, volume %: N/A lower (LEL)___ upper (UEL)___

Fire extinguishing materials:

water spray carbon dioxide ___ other:
 foam ___ dry chemical

Special firefighting procedures: Use NIOSH or MESA approved gas mask.

Unusual fire and explosion hazards: Some sulfur dioxide may evolve which has TLV of 5 ppm. Nitrogen oxides may evolve too.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: None known at this time.

Contact with skin or eyes: Skin irritant, prolonged skin contact may cause severe burns leading to dermatitis. On eyes contact may cause severe burn and permanent corneal damage.

Skin absorption: None is known at this time.

Swallowed: Burn the mucous membranes of the respiratory tract, mouth, throat, esophagus and stomach.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. Explain in lay terms. Attach extra page if more space is needed.

Acute: Skin irritant and prolonged skin contact may cause severe burns leading to dermatitis. Cause severe burn and permanent corneal damage on eyes contact. Cause burn to the mucous membranes of the respiratory tract, mouth, throat, esophagus and stomach.

Chronic: N/A.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Immediately flush with large amount of water for at least 15 minutes. Obtain medical attention.

Skin Contact: Remove contaminated clothing. Wash with water thoroughly. If irritation persist obtain medical attention.

Inhaled: Remove to fresh air.

Swallowed: Never give anything by mouth to an unconscious person. Give two glasses of water. Get medical attention.

SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found in the lists below.

YES: ___ Federal OSHA ___ NTP ___ IARC

California employers using Cal/OSHA - regulated carcinogens must register with Cal/OSHA. The Cal/OSHA and federal OSHA carcinogen lists are similar.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

No information available at this time.

VI. REACTIVITY DATA

Stability: Stable Unstable
Conditions to avoid: None

Incompatibility (materials to avoid): Metal like aluminum.

Hazardous decomposition products (including combustion products): Sulfur Oxides, Nitrogen Oxides and Carbon Oxides.

Hazardous polymerization: May occur Will not occur
Conditions to avoid: None

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Spill are very slippery. Dike and contain spill with absorbant inert material. Collect for disposal.

Preparing wastes for disposal (container types, neutralization, etc.): Consult appropriate local, state and federal agencies to ascertain proper disposal procedures.

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls Use with adequate ventilation.

Respiratory protection (type) None necessary.

Eye protection (type) Face shield
Mono-goggles

Gloves (specify material) Rubber or neoprene

Other clothing and equipment Eyes wash fountain.