

MATERIAL SAFETY DATA SHEET

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Product: Deco-Etch Acid Stain
Aqua Blue
MSDS No.: LSW-101
Date: January 2006

HAZARD MATERIAL IDENTIFICATION SYSTEM

Health Hazard	3-Serious
Flammability Hazard	0-Minimal
Reactivity Hazard	0-Minimal

SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: Lambert Deco-Etch Stain - Aqua Blue
Description: Acid Stain
Other Designations: AS-Aqua Blue
Product Class: Phosphoric Acid

SECTION II. INGREDIENTS AND HAZARDS

The precise composition of this product is proprietary information. A more complete disclosure can be provided in the event of a medical emergency.

<u>INGREDIENT NAME:</u>	<u>CAS NO.</u>	<u>PERCENT*</u>	<u>E X P O S U R E L I M I T S</u>
Cupric Chloride	7447-39-4	Minor	ACGIH TLV: 1mg/m ³ OSHA PEL: 1mg/m ³
Phosphoric Acid	7664-38-2	Minor	ACGIH TLV: 1mg/m ³ OSHA PEL: 1mg/m ³
Water	7732-18-5	Major	Not Established

*Major= Over 25%; Minor= 6-25%; Trace= Under 6%; Residue= Unknown % residue possible

SECTION III.**PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point (°F): Not available

Specific Gravity (H₂O=1): 1.13

Volatile by Volume: Less than 87%

Evaporation Rate: Slower than ether

Appearance and Odor: Blue Liquid with slight acidic odor

SECTION IV.**FIRE AND EXPLOSION DATA**

Flash Point : Not established (Value for material of lowest flash point ingredient)

OSHA Flammable Limits: Not regulated

Extinguishing Media: Water fog

Unusual Fire or Explosion Hazards: Hazardous products of combustion may form phosphorous compounds.

Special Fire fighting Procedures: Wear self contained breathing apparatus, with full facepiece operated in pressure mode or other positive pressure mode, and full body protective clothing with fighting fire.

SECTION V.**REACTIVITY DATA**

Material is stable - Hazardous polymerization will not occur

Chemical incompatibilities: Strong Alkalies, Alkali metals.

Hazardous Decomposition Products: Oxides of Phosphorus

Conditions to Avoid: Excessive heat, poor ventilation, corrosive atmosphere, excessive aging.

SECTION VI.

HEALTH HAZARD DATA

Summary of Health Risks Symptoms of Exposure:

- Eye Contact:** Overexposure causes irreversible eye damage, symptoms may include stinging, tearing, redness, swelling, corneal damage, and blindness.
- Skin Contact:** Overexposure causes irreversible skin damage. Symptoms may include redness, swelling, burns, and severe skin damage.
- Inhalation:** Overexposure to vapor or mist is possible. Exposure may be harmful or fatal. Symptoms may include severe irritation and burns to the nose, throat, and respiratory tract.
- Ingestion:** Ingestion may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation (nausea, vomiting, diarrhea), abdominal pain, and vomiting of blood. Ingestion of this material may cause burns and destroy tissue in the mouth, throat, and digestive tract. Low blood pressure and shock may occur as a result of severe tissue injury.

Emergency and First Aid Procedures:

- Eye Contact:** Immediate and continuous irrigation with flowing water at least 15 while holding eyelids apart. If symptoms develop as a result of vapor exposure, remove individual to fresh air before flushing as recommended above. Get immediate medical attention.
- Skin Contact:** Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged or symptoms persist, seek immediate medical attention. Launder clothing before reuse.
- Inhalation:** Remove from area of exposure and into fresh air. Seek immediate medical attention. Keep person warm and quiet. If person is not breathing, give artificial respiration. If breathing is difficult, give oxygen. **GET IMMEDIATE MEDICAL ATTENTION.**

SECTION VI.

HEALTH HAZARD DATA cont'd

Ingestion:

DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible do not leave individual unattended.

SECTION VII.

PRECAUTIONS FOR HANDLING, USE OR DISPOSAL

Storage:

Store in cool, dry, well-ventilated place in tightly closed containers away from all sources of ignition. Avoid prolonged or repeated inhaling and prevent all skin and eye contact. Reseal partially used containers and ensure that all containers are properly labeled to prevent accidental ingestion.

Spill/Leak procedures:

Remove all ignition sources. Evacuate area. Wear appropriate protective gear including self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Ventilate confined areas. Add absorbent (sand, earth, sawdust, etc.) to spill area. Shovel or soak up spilled material into a plastic container and remove to approved chemical waste disposal area. Flush area with water, directing runoff to appropriate treatment or disposal container. Never flush to sewer. Major spills should be reported according to regulations.

Waste Management/

Dispose of waste in accordance with Federal, State, and Local Regulations.

Personal Protective Equipment:

Respirator:

NIOSH/MSHA approved organic vapor mask. For emergencies, a self-contained breathing apparatus or full face respirator is recommended.

Gloves:

Impervious gloves, neoprene or rubber.

SECTION VII. PRECAUTIONS FOR HANDLING...cont'd

Eyewear: Safety eye wear including splash guards or side shields, chemical goggles, or face shields.

Other: Clean, body covering clothing. Further safety equipment (Apron, footwear, etc.) Should be used as necessary to prevent contact with material.

Workplace Considerations:

Ventilation: Ventilation must be sufficient to control vapors. Breathing of vapors must be avoided. This material should be confined as far as possible within sealed or covered equipment in which case normal ventilation should be adequate.

Safety Stations: An eye wash station should be available to the area of use.

Other: Always add (slowly and in small amounts) acid to water, as adding water to acid releases heat which can result in violent foaming and spattering. In accordance with good industrial hygiene practices avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. Contaminated clothing should be laundered carefully to avoid secondary exposures to product.

SECTION VIII. TRANSPORTATION INFORMATION

D.O.T Label: CORROSIVE

D.O.T Hazard Class: 8 - Corrosive

D.O.T. ID Number: UN1805

D.O.T. Shipping name: Phosphoric Acid Solution

SECTION IX.**SPECIAL PRECAUTIONS**

The information presented herein is believed to be accurate and was obtained from sources believed to be reliable. However, the information is provided without any representation or warranty, expressed or implied, with respect to its accuracy or completeness. It is the users' responsibility to determine the suitability of this product and the relevance of this information for their use. Lambert Southwest does not assume liability resulting from the use, handling, storage, and disposal of this product.