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ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION	Nasal and respiratory irritation, dizziness, narcosis, headache, nausea, CNS depression, and unconsciousness.
EYE CONTACT	Watering, blurred vision, inflammation, and irritation which can result in corneal injury.
SKIN CONTACT	Irritation, dermatitis.
INGESTION	Nausea, vomiting; CNS depression; irritation of gastrointestinal tract, liver and peritoneal wall; lung congestion.
SUMMARY OF CHRONIC HAZARDS	Skin irritation, contact dermatitis, and defatting.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

4. First Aid Measures

If INHALED	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
If on SKIN	Immediately wash with soap and water. Remove and wash any contaminated clothing.
If in EYES	Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.
If SWALLOWED	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Section IV: Fire and Explosion Hazard Data

Flash Point (Method) Bulk Liquid (TCC)	None
Flammable Limits	N/A
Extinguishing Media	N/A
Special Fire Fighting Procedures	N/A
Unusual Fire & Explosion Hazards	N/A

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.
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7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN
HANDLING AND STORING

Shake well before using. Keep away from heat, sparks and open flames.

OTHER PRECAUTIONS

Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

8. Exposure controls and personal protection

RESPIRATORY PROTECTION
(SPECIFY TYPE)

In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators during soldering operations until fumes have dissipated.

VENTILATION - LOCAL EXHAUST

Acceptable

OTHER

N/A

PROTECTIVE GLOVES

Wear rubber gloves.

EYE PROTECTION

Safety glasses (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING
OR EQUIPMENT

Chemical resistant coveralls

WORK/HYGIENIC PRACTICES

Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

9. Physical and chemical properties

Section III: Physical Data

Appearance & Odor

CLEAR liquid with a very slight "vinyl" odour.

Boiling Point

218° F

Evaporation Rate (Water=1)

1

pH

2

Solubility In Water

Dispersible

Specific Gravity

1.01

Vapor Density (AIR=1)

N/A

Vapor Pressure

Approx. 17 mm Hg

VOC Content

22 grams/liter

10. Stability and reactivity

Flash Point (Method)

Bulk Liquid (TCC) None

CONDITIONS TO AVOID

None

INCOMPATIBILITY (MATERIALS TO AVOID)

Oxidizers, acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, and fragmented hydrocarbons.

HAZARDOUS POLYMERIZATION

Will not occur

11. Toxicological information

CHRONIC HEALTH HAZARDS No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Ingredient Name	Oral-Rat LD50	Inhalation-Rat LC50
lauryl dimethyl amine oxide	4.3 mg/kg	N/D
Polylene Glycol Butyl Ether	N/D	N/D
Sodium Metasilicate	1153 mg/kg	N/D

12. Ecological information

Ingredient Name	Food Chain Concentration Potential	WATERFOWL TOXICITY	BOD	AQUATIC TOXICITY
lauryl dimethyl amine oxide	N/D	N/D	N/D	N/D
Polylene Glycol Butyl Ether	N/D	N/D	N/D	N/D
Sodium Metasilicate	N/D	N/D	N/D	N/D

13. Disposal considerations

Waste Classification	Non-regulated liquid waste
Disposal Method	Dispose of all liquid waste in accordance with all local, state and federal regulations.

14. Transport information

DOT	Non-Regulated
OCEAN	Non-Regulated
AIR	Non-Regulated

15. Regulatory information

NA

16. Other information

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own

assessment of workplace risk
as required by other health and safety legislation.

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