



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SOLUBLE CUTTING FLUID
PART NUMBER: 74320, 74321, 74322, 74323 and 74324

DATE PREPARED: March 31, 2009

PRODUCT TYPE: LUBRICANT

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SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENT OPTIONAL
*TRIETHANOLAMINE CAS# 102-71-6	N/A	5mg/m ³	N/A	12-15
**DIETHANOLAMINE CAS# 111-42-2	3ppm	0.46ppm	N/A	1.5 - 3

*Triethanolamine is listed on the following states' right to know lists; FL, MA, PA, RI

**Diethanolamine is subject to SARA Section 313 and is listed on the following states' right to know lists; FL, IL, MA, NJ, PA, RI

HEALTH: 1

REACTIVITY: 0

FLAMMABILITY: 0

SECTION 3 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 212°F

Vapor Pressure(mm Hg): N/A

Vapor Density (Water=1): >1

Solubility in Water: Complete

Appearance and Odor: Clear, slightly viscous liquid

Specific Gravity.(H₂O=1): >1

Melting Point: N/A

Evaporation Rate (Butyl Acetate=1): <1

SECTION 4 – FIRE AND EXPLOSION HAZARD

Flash Point (Method Used): >300°F

Flammable Limits: LEL: UEL:

Extinguishing Media: CO₂ or dry chemical

Special Fire-Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION 5 – STABILITY AND REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidants

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: N/A

SECTION 6 – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: SKIN and INGESTION

Health Hazards(Acute and Chronic): May irritate skin and eyes.

CARCINOGENICITY: NTP: No (ARC Monographs): No OSHA Regulated: No

Medical Conditions Generally Aggravated by Exposure: None known

EMERGENCY AND FIRST AID PROCEDURES:

Eyes and Skin: Flush eyes and skin with water. If irritation occurs, see physician.

Ingestion: If person is conscious, give two glasses of water and induce vomiting. Get medical attention.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Pick up with vacuum or absorbent.

Waste Disposal Method: According to Federal, state and local authorities.

Precautions For Storing and Handling: Keep from freezing.

Other Precautions: None

SECTION 8 – CONTROL MEASURES

Respiratory Protection (Specify Type): Not required

VENTILATION: Local Exhaust: Special:
Mechanical: Other:

Protective Gloves: Impermeable

Eye Protection: Goggles to prevent splashing, eye wash.

Other Protective Clothing or Equipment: Impermeable

Work Hygienic Practices: Wash thoroughly after handling.