

# The Chromaline Corporation

## MATERIAL SAFETY DATA SHEET



(Approved by U.S. Department of Labor "Essentially Similar" to form OSHA-20)

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete, or representative and Buyer may rely thereon only at the Buyer's risk. We make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and/or situations involving its handling and uses. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.

### Section I - Chemical Product and Company Identification

Manufacturer's Name

The Chromaline Corporation

Street Address

4832 Grand Avenue

City, State, and Zip Code

Duluth, MN 55807

For product information or customer service: 218/628-2217

#### Hazardous Materials Identification System (HMIS)

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

minimal	0
slight	1
moderate	2
serious	3
severe	4

For Chemical Emergencies contact:

CHEMTREC Emergency Telephone No.

United States - 800/424-9300

International - 703/527-3887 (collect)

Product Class

N/AP

Chemical Name (CAS #)

N/AP

Trade Name

D-2 Transfer Emulsion

Formula

N/AP

N/AP = Not Applicable

### Section II - Hazardous Ingredients

Ingredient	PERCENT	TLV		LEL	VAPOR PRESSURE mm Hg. 20 °C
		PPM	mg/M <sup>3</sup>		
Isopropanol	≤ 8.5	400 ppm	980	2.0%	30.9

### Section III - Physical Data

Boiling Range	200°F - 215°F	Vapor Density	<input type="checkbox"/> Heavier <input checked="" type="checkbox"/> Lighter, Than air		
Evaporation Rate	<input checked="" type="checkbox"/> Faster <input type="checkbox"/> Slower, than Water	Percent Volatile by Weight	approx. .75%	Weight per Gallon	8.7lb/gal
Solubility in Water	100% dispersible				

### Section IV - Fire and Explosion Hazard Data

Flash Point 100°F

Extinguishing Media: Foam, CO2, dry chemical or water spray.

Unusual fire and explosion Hazards - None

Special Fire Fighting Procedures - None

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## Section V - Health Hazard Data

Threshold Limit Value See Section II

Effects of Overexposure

Eye contact will cause irritation. Prolonged or repeated liquid contact with skin may cause irritation.

Emergency and First Aid Procedures **Eye:** Flush immediately with water for at least 10 minutes. Consult physician if irritation persists. **Skin and clothing:** Wash well with soap and water. Launder clothing prior to reuse. **Ingestion:** Seek medical attention. **Inhalation:** Remove to fresh air.

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## Section VI - Reactivity Data

Stability  Unstable  Stable

Conditions to Avoid: None

Incompatibility (Materials to Avoid) None

Hazardous Decomposition Products

Prolonged exposure to heat may yield aldehydes, acetic acid, and oxides of carbon.

Hazardous Polymerization  May Occur  Will Not Occur

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## Section VII - Spill or Leak Procedures

Steps to Be Taken In Case Material Is Released Or Spilled

Contain and remove with inert absorbent. CAUTION: Liquid emulsion and diluted emulsion can pose a potential slippage problem in walkways.

Waste Disposal Method

Dispose of in accordance with federal, state, and local laws.

We make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state, or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

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## Section VIII - Special Protection Information

Respiratory Protection

Not required.

Ventilation

Local exhaust recommended.

Protective Gloves Recommended

Eye Protection Recommended

Other Protective Equipment - None

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## Section IX - Special Precautions

Precautions To Be Taken In Handling And Storing - Store between 50°F - 80°F for maximum storage life.

Other Precautions - Do not take internally. Avoid splashing in eyes. Keep out of reach of children. Industrial Use Only.

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## Section X - Regulatory Information

DOT Category 49 CFR 173.120 (a) (3). Not regulated. Does not sustain combustion according to ASTM 4206 or procedure in Appendix H.

TSCA All ingredients are listed chemicals in the TSCA registry.

California Proposition 65: The Safe Drinking Water and Toxic Enforcement Act of 1986:

This product contains chemical(s) known to the state of California to cause cancer (c) or reproductive (r) damage.

<0.0001%	Methyl Iodine (c)	74-88-4	listed April 1, 1988
<0.00095%	Acetaldehyde (c)	75-07-0	listed April 1, 1988
<0.0042%	Formaldehyde (c)	50-00-0	listed January 1, 1988
<0.00055%	Toluene (r)	108-88-3	listed January 1, 1991
<0.0006%	Ethylene Oxide (c)	75-21-8	listed July 1, 1987
<0.0006%	Hydrazine (c)	302-01-2	listed January 1, 1988

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