

Material Safety Data Sheet

Section I

CLI Part #: 5025
CLI Description: Safe Solvent
Synonyms: D-TAM™
Manufacturer: Colormetric Laboratories, Inc.
Emergency phone: 847-803-3737
Address: 1261A Rand Road
City, State, Zip: Des Plaines, IL 60016
MSDS prepared by: Colormetric Laboratories, Inc.
Date prepared: Jan 09

Section II. Hazardous Ingredients/Identity Information

Trade Name: **D-TAM™ High Erucic Acid Oil Base Solvent**

<u>Ingredient Name</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other %</u>
High erucic acid rapeseed Oil methylester	73891-99-3	none	none	none <50
polypropylene glycol	025322-69-4	none	none	none <50
sorbitan monooleate-ethoxylated	9005-65-5	none	none	none <50
polyethylene glycol 400 dioleate	9005-08-7	none	none	none <50

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

<u>Ingredient Name</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH</u>	<u>Other %</u>
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This product contains no hazardous chemicals.

Additional Information: This is an experimental formulation and not listed on the TSCA inventory. It is regulated under the Food, Drug and Cosmetic Act.

Section III. Chemical Characteristics

Boiling point	>200°C	Weight per gallon	8.8
Melting point	N/R	pH	7
Freezing point	N/R	Conc.	100%
Specific gravity (H ₂ O = 1)	1.07	Vapor density	N/R
Percent volatile by volume	,3% water	Vapor pressure (air = 1)	<1
Theoretical VOC	,10%	Density	<1
Evaporation rate	<1	Reactivity in water	none
Solubility in water	soluble	Appearance and odor:	yellow liquid with bland odor

Section IV. Fire and Explosion Hazard Data

Flash point	>175°C (COC)	HMIS codes:	Health	0
Flammable limits Upper	N/A		Flammability	0
In air (%) Lower	N/A		Reactivity	0
Auto-ignition temp.	unknown		Protection	A

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Extinguisher media Dry chemical, foam, halon, CO₂, water spray (fog). Water stream may splash burning liquid and spread fire.

Special fire fighting procedures Use water spray to cool drums exposed to fire.

Unusual Fire and Explosion Hazards Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

Section V. Reactivity Data

Is this chemical stable under normal conditions of handling/storage (Y/N)? yes

Conditions to avoid regarding stability Protect from freezing

Incompatibility (materials to avoid) Strong oxidizers

Hazardous decomposition products Combustion produces CO, CO₂ and thick smoke

Hazardous polymerization possible (Y/N)? No

Conditions to avoid (regarding polymerization) None

Section VI. Health Hazards

Routes of entry eye irritant

Signs and symptoms of acute exposure none known

Chronic overexposure none known

Chemical listed as a carcinogen or potential carcinogen:

National Toxicology Program IARC Monographs

(Y/N) No

(Y/N) No

OSHA

(Y/N) No

Medical conditions generally aggravated by exposure none known

Emergency and First Aid Procedures

Emergency telephone number of manufacturer: 847-803-3737

1. Inhalation None

2. Eye contact Flush eyes with running water for 15 minutes. Do not rub eyes. Get medical attention if irritation persists..

3. Skin contact Flush with running water

4. Ingestion Non-toxic as defined in 16CFR1500.3©(2)(i). LD is greater than 5g/kg. give one or 2 glasses of water to drink (never give anything by mouth to an unconscious person). If gastro-intestinal problems develop, consult a physician.

Section VII. Precautions for Safe Handling and Use

Hazard class Non-hazardous

US DOT I.D. N/A

UN/NA number N/A

Precautions to be taken in handling and storage: Store in tightly closed original container at a temperature below 40°C to avoid contamination.

Other precautions: none

Steps to be taken in case material is released or spilled: Contain spill. Transfer to secure containers. Where necessary, collect using absorbent media. Flush area with hot water.

Section VIII. Control Measures

Respiratory protection None

Ventilation requirements None

Local exhaust None

Mechanical None

Special None

Protective gloves None

Eye protection None required under normal use

Other protective clothing or equipment None