



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name BRULIN 1696 B
Product number 431039
Company information Brulin & Company, Inc.
 P.O. Box 270
 Indianapolis, IN 46206 US
 www.Brulin.com
Emergency CHEMTREC 1-800-424-9300
General information Phone: 317-923-3211
 Fax: 317-925-4596

2. Hazards Identification

Emergency overview This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Potential health effects
Eyes Contact with eyes may cause irritation.
Skin Prolonged and/or repeated skin contact may result in mild irritation or redness.
Inhalation Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion Acute ingestion may result in mild gastrointestinal distress.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Propylene glycol monomethyl ether	107-98-2	< 5
Triethanolamine	102-71-6	< 5
Non-hazardous and other components below reportable levels		< > 90

Composition comments No dangerous ingredients according to Directive 2001/58/EC

4. First Aid Measures

First aid procedures
Eye contact Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.
Skin contact Wash off with soap and water. Get medical attention if irritation develops or persists. Launder contaminated clothing before reuse.
Ingestion Give several glasses of water to dilute contents of stomach and call a physician. Never give anything by mouth to a victim who is unconscious or is having convulsions.
Inhalation Move to fresh air. If breathing is difficult, give oxygen.
General advice If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Extinguishing media
Suitable extinguishing media Use methods for the surrounding fire.

6. Accidental Release Measures

Methods for cleaning up Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. After removal flush contaminated area thoroughly with water.

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7. Handling and Storage

Handling	Keep container closed.
Storage	Keep at temperatures between 4 and 49 °C.

8. Exposure Controls / Personal Protection

Exposure guidelines	Contains no substances with occupational exposure limit values.
Personal protective equipment	
Eye / face protection	Avoid contact with eyes. Wear chemical goggles. Safety glasses. or Face-shield.
Skin protection	Protective gloves.
Respiratory protection	No personal respiratory protective equipment normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. Wash hands before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Appearance	clear
Color	Light yellow, clear
Odor	mild detergent
Odor threshold	Not available.
Form	Liquid.
pH	7.9 - 8.3
Freezing point	Not available.
Boiling point	212 °F (100 °C)
Flash point	> 212 °F (> 100 °C) Pensky-Martens Closed Cup
Evaporation rate	1
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor density	Not available.
Specific gravity	1.034
Solubility (water)	100 %
VOC	3 %

10. Chemical Stability & Reactivity Information

Chemical stability	This is a stable material.
Conditions to avoid	Do not freeze.
Incompatible materials	strong acids and oxidizing agents
Hazardous decomposition products	At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Sulphur oxides and nitrogen oxides (NOx)
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Acute effects	Acute LD50: 65809 mg/kg, Rat, Oral Acute LD50: 66411 mg/kg, Rat, Dermal
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12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental concerns. This material is not expected to be harmful to aquatic life.

13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transport Information

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

15. Regulatory Information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - Pennsylvania RTK - Hazardous Substances: Listed substance

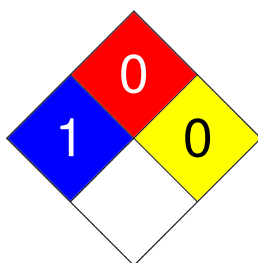
Propylene glycol monomethyl ether (107-98-2) Listed.
Triethanolamine (102-71-6) Listed.

16. Other Information

HMIS rating

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	B

NFPA codes

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

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