

**MATERIAL SAFETY DATA SHEET****1. Product and Company Identification**

Material name	BRULIN MP 1793
Product number	304017
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	Combustible liquid. May be ignited by heat, sparks or flames.
Potential health effects	
Eyes	Contact with eyes may cause irritation.
Skin	Health injuries are not known or expected under normal use. Prolonged exposure may cause skin irritation.
Inhalation	Inhalation of vapors in high concentration may cause irritation of respiratory system. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
Ingestion	Harmful: may cause lung damage if swallowed. Do not ingest.

3. Composition / Information on Ingredients

No hazardous ingredients.

4. First Aid Measures

First aid procedures	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin contact	Wash off with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Ingestion	Do not induce vomiting. Lay person down with legs raised, keep warm and get medical attention.
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

Flammable properties	Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition.
Extinguishing media	
Suitable extinguishing media	Dry chemical, foam, carbon dioxide.

6. Accidental Release Measures

Personal precautions	Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for containment	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

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Methods for cleaning up Never return spills in original containers for re-use.

Large Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike far ahead of liquid spill for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

Handling Do not handle or store near an open flame, heat or other sources of ignition. Handle and open container with care. Do not breathe gas/fumes/vapor/spray.

Storage Keep away from heat and sources of ignition. Keep in a well-ventilated place. Keep at temperatures between 18 and 48 °C.

8. Exposure Controls / Personal Protection

Engineering controls Use general ventilation.

Personal protective equipment

Eye / face protection Avoid contact with eyes. Safety glasses.

Skin protection Use impervious gloves.

Respiratory protection A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

General hygiene considerations When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance clear liquid

Color water white

Odor mild

Odor threshold Not available.

Form Liquid.

pH Not available.

Freezing point Not available.

Boiling point 360 - 405 °F (182.2 - 207.2 °C)

Flash point 142 °F (61.1 °C) Pensky-Martens Closed Cup

Evaporation rate 0.05 (n Butyl Acetate=1)

Flammability limits in air, upper, % by volume 8.6

Flammability limits in air, lower, % by volume 1.3

Vapor density 5.8 Approx.

Specific gravity 0.767

Solubility (water) Not available.

VOC 100 %

10. Chemical Stability & Reactivity Information

Chemical stability Stable at normal conditions.

Conditions to avoid Direct sources of heat.

Incompatible materials Strong oxidizing agents. acids or bases

Hazardous decomposition products At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

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Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Chronic effects Prolonged or repeated exposure may cause lung injury.

Further information This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicity 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 This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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 - No
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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State regulations

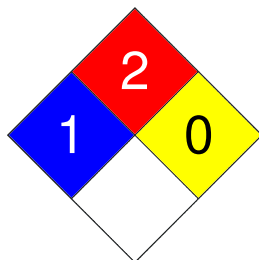
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS rating

Health	/ 1
Flammability	2
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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