

SAFETY STRIP HT

Product number: 331021



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name SAFETY STRIP HT
Product number 331021
Revision date 27-Dec-2007
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
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2. Hazards Identification

Emergency overview Irritating to eyes and skin. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Prolonged exposure may cause chronic effects.

Potential short term health effects

- Eyes** Contact with eyes may cause irritation.
- Skin** Prolonged or excessive skin contact with this product may cause mild skin irritation.
- Inhalation** Prolonged or excessive inhalation may cause respiratory tract irritation.
- Ingestion** May cause temporary irritation of the throat, stomach, and gastrointestinal tract.

3. Composition / Information on Ingredients

Hazardous component(s)	CAS #	Percent
1-Methyl-2-pyrrolidone	872-50-4	< 80
Diethylene glycol monobutyl ether	112-34-5	< 20

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 if irritation develops or persists.
- Skin contact** Wash affected area with mild soap and water. Launder contaminated clothing before reuse.
- Inhalation** Move to fresh air. Get medical attention, if needed.
- Ingestion** If conscious, drink plenty of water. Do not induce vomiting. Get medical attention immediately.

Notes to physician Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

General advice If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Flammable properties None known.

Extinguishing media

- Suitable extinguishing media** Dry chemical, foam, carbon dioxide, water fog.

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6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Ventilate closed spaces before entering. Avoid inhalation of vapors or mists. Remove all sources of ignition.
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.
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.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.

7. Handling and Storage

Handling	Handle and open container with care. Do not breathe gas/fumes/vapor/spray. May be ignited by open flame.
Storage	Keep in a well-ventilated place. Keep away from heat, sparks, and flame. Keep at temperatures below 40°C.

8. Exposure Controls / Personal Protection

Engineering controls	Local exhaust is suggested for use, where possible, in enclosed or confined spaces.
Personal protective equipment	
Eye / face protection	Avoid contact with eyes. Goggles. or Safety glasses.
Skin protection	Wear impervious gloves for prolonged contact.
Respiratory protection	No personal respiratory protective equipment normally required. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever work place conditions warrant a respirator's use.

9. Physical & Chemical Properties

Appearance	clear liquid
Color	Clear, colourless
Form	Liquid.
Odor	mild
Odor threshold	Not available
pH	11.6 - 12
Freezing point	Not available
Boiling point	> 400 °F
Flash point	215 °F Pinsky-Martens Closed Cup
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	< 1 Mm Hg @68°F
Vapor density	> 3
Specific gravity	1.021
Solubility (H2O)	100 %
VOC (Weight %)	94 %

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Do not freeze. May be ignited by open flame.
Hazardous decomposition products	At thermal decomposition temperatures, carbon monoxide and carbon dioxide. or nitrogen oxides (NOx)

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Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Acute effects Acute LD50: 3779 mg/kg estimated, Rat, Oral
Acute LD50: 2245 mg/kg estimated, Rat, Dermal

Local effects Irritating to eyes and skin.

12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental concerns.

Environmental effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

Department of Transportation (DOT) Requirements NON-BULK

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory Information

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

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

1-Methyl-2-pyrrolidone	872-50-4	1.0 % de minimis concentration
Diethylene glycol monobutyl ether	112-34-5	1.0 Percent de minimis concentration (applies to R-(OCH ₂ CH ₂) _n -OR' ethers, where n = 1,2, or 3, R=alkyl C7 or less or R = phenyl or alkyl subst. phenyl, R' = H or alkyl C7 or less, or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

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Inventory status

Country(s) or region

Canada

Europe

United States & Puerto Rico

Inventory name

Domestic Substances List (DSL)

European Inventory of New and Existing Chemicals (EINECS)

Toxic Substances Control Act (TSCA) Inventory

International regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

State regulations

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

U.S. - California - Proposition 65 - Developmental Toxicity

1-Methyl-2-pyrrolidone 872-50-4 developmental toxicity, initial date 6/15/01

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

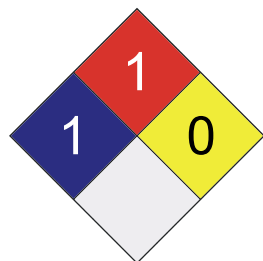
1-Methyl-2-pyrrolidone 872-50-4 3200 µG/day MADL (inhalation); 17000 µg/day MADL (dermal)

16. Other Information

HMIS rating

Health	/ 1
Flammability	1
Physical Hazard	0
Personal Protection	B

NFPA codes



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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.