



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name MAXIMA 256
Product number 161048 / 192023 / 193023
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

Potential health effects

Eyes May cause irreversible eye damage.
Skin Contact may irritate or burn skin.
Inhalation Inhalation of mist causes irritation of respiratory system.
Ingestion Irritating to mouth, throat, and stomach.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Didecyldimethylammonium chloride	7173-51-5	< 10
Ethyl alcohol	64-17-5	< 10
N-Alkyl(C14 50%, C12 40%, C16 10%)-N,N-dimethyl-N-benzylammonium Chloride	68424-85-1	< 10
Non-hazardous and other components below reportable levels		< > 80

4. First Aid Measures

First aid procedures

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention.
Skin contact Wash with soap and water. Launder contaminated clothing before reuse.
Ingestion Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician immediately.
Inhalation Move to fresh air. If symptoms persist, get medical attention.

Notes to physician If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

5. Fire Fighting Measures

Flammable properties None known.

Extinguishing media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental Release Measures

Methods for cleaning up Small Spills: Wipe up with absorbent material (e.g. cloth, fleece).
 Large Spills: Soak up with inert absorbent material.

7. Handling and Storage

Storage Keep container closed when not in use.

8. Exposure Controls / Personal Protection

Personal protective equipment

Eye / face protection Safety glasses. or Goggles.
Respiratory protection Not applicable.
General hygiene considerations Keep away from food, drink and animal feeding stuffs. Wash hands and face before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Appearance Not available.
Color Clear green
Odor spring Floral
Odor threshold Not available.
Form Liquid.
pH 1.3
Freezing point Not available.
Boiling point 212 °F (100 °C)
Flash point > 212 °F (> 100 °C) Pensky-Martens Closed Cup
Evaporation rate Not available.
Flammability limits in air, upper, % by volume Not available.
Flammability limits in air, lower, % by volume Not available.
Vapor density as water
Specific gravity 1.017
Solubility (water) 100 %
VOC 2.125 %

10. Chemical Stability & Reactivity Information

Chemical stability This is a stable material.
Conditions to avoid S50 - Do not mix with other cleaning products
Incompatible materials strong oxidizing agents and reducing agents
Hazardous decomposition products Ammonia, Nitrogen oxides (NOx).
Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Acute effects LD50/oral/rat =5.89 g/kg
LD50/dermal/rabbit => 5 g/kg
Moderate eye irritation
Moderate skin irritation
Chronic effects Repeated or prolonged exposure may cause irritation of eyes and skin.

12. Ecological Information

Ecotoxicity This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
Contaminated packaging	Do not re-use empty containers. Triple rinse containers. Can be offered for recycling, re-conditioning or puncture.

14. Transport Information

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

Notes Not regulated as dangerous goods.

15. Regulatory Information

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

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

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	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)

State regulations

US - Pennsylvania RTK - Hazardous Substances: Listed substance
Ethyl alcohol (64-17-5) Listed.

MAXIMA 256

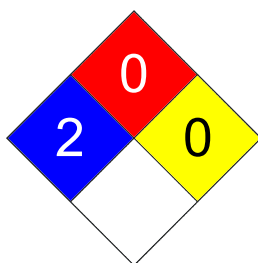
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16. Other Information

HMIS rating

Health	/ 2
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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