



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 Moderately irritating to the eyes.
Skin Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
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
N-Alkyl(C14 50%, C12 40%, C16 10%)-N,N-dimethyl-N-benzylammonium Chloride	68424-85-1	< 10
Ethyl alcohol	64-17-5	< 2.5
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. Get medical attention.
Skin contact Wash with soap and water. Launder contaminated clothing before reuse.
Inhalation Move to fresh air. If symptoms persist, get medical attention.
Ingestion Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician immediately.

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

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

Carcinogenicity

IARC Monographs on Occupational Exposures to Chemical Agents: Overall evaluation

Ethyl alcohol (64-17-5) 1 Human carcinogen.

US ACGIH Threshold Limit Values: A4 carcinogen

Ethyl alcohol (64-17-5) Group A4 Not classifiable as a human carcinogen.

MAXIMA 256

Product number: 161048 / 192023 / 193023

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.

DOT Requirements NON-BULK

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

State regulations

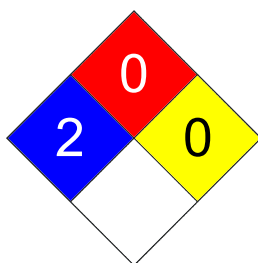
US - Pennsylvania RTK - Hazardous Substances: Listed substance
Ethyl alcohol (64-17-5) Listed.

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.

Issue date

03-17-2009

This data sheet contains changes from the previous version in section(s):

Physical & Chemical Properties: Odor