



## MATERIAL SAFETY DATA SHEET

### 1. Product and Company Identification

**Material name** MAXIMA 256  
**Product number** 161042 / 192003  
**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

Hazardous components	CAS #	Percent
CITRIC ACID, USP FINE GRANULATED	77-92-9	< 10
Ethyl alcohol	64-17-5	< 2.5
Non-hazardous components	CAS #	Percent
N-Alkyl(C14 50%, C12 40%, C16 10%)-N,N-dimethyl-N-benzylammonium Chloride	68424-85-1	< 10
Didecyl dimethyl ammonium chloride	7173-51-5	< 5
Octyl Decyl Dimethyl Ammonium Chloride	32426-11-2	< 5
Dioctyl Dimethyl Ammonium Chloride	5538-94-3	< 2.5
Other components below reportable levels		< > 60

### 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.

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### 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

pleasant Sassafrass

### 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.

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### 11. Toxicological Information

**Acute effects** LD50/oral/rat =5.89 g/kg  
LD50/dermal/rabbit =>5 g/kg  
Moderate eye irritation  
Moderate skin irritation

### 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.

#### ICAO

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

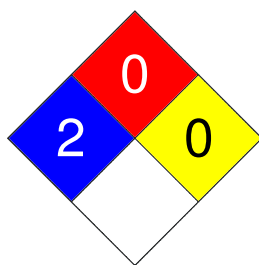
**US - Pennsylvania RTK - Hazardous Substances: Listed substance**  
Ethyl alcohol (64-17-5) Listed.

## 16. Other Information

HMIS rating

Health	/ 2
Flammability	0
Physical Hazard	0
Personal Protection	B

NFPA codes



### Disclaimer

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

**Issue date**

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.

Composition / Information on Ingredients: Disclosure Overrides  
Regulatory Information: United States

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