



## 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

|                                       |                                                                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye / face protection</b>          | Safety glasses. or Goggles.                                                                                                         |
| <b>Respiratory protection</b>         | Not applicable.                                                                                                                     |
| <b>General hygiene considerations</b> | 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

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

## 10. Chemical Stability & Reactivity Information

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

## 11. Toxicological Information

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

## 12. Ecological Information

|                    |                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b> | This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems. |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|

## 13. Disposal Considerations

|                               |                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>  | Dispose in accordance with all applicable regulations.                                                              |
| <b>Contaminated packaging</b> | 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

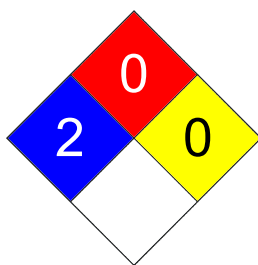
**US - Pennsylvania RTK - Hazardous Substances: Listed substance**  
Ethyl alcohol (64-17-5) Listed.

## 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**

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