

**PRODUCT NAME: UNIQUAT NEUTRAL DISINFECTANT 256**

PRODUCT NUMBER: 161076/192011

PAGE 1 of 2

**MATERIAL SAFETY DATA SHEET**

Per 29 CFR 1910.1200

DATE PREPARED : 8/05/02

**SECTION I.**

**BRULIN & COMPANY. INC.** P.O. BOX 270, INDIANAPOLIS, IN 46206-0270 (317) 923-3211

WEST COAST FACTORY  
Richmond, California

24 HOUR EMERGENCY NUMBER

CHEMTREC 1-800-424-9300

Health: 2

IDENTITY (As listed on label):

**UNIQUAT NEUTRAL DISINFECTANT 256**

HMIS HAZARD RATINGS: Flammability: 0

Reactivity: 0

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #	OSHA PEL	ACGIH TLV-TWA	OTHER LIMITS RECOMMENDED	PERCENT
Alkyl (C14, 50%, C12, 40%, C16, 10%) dimethyl benzyl ammonium chloride	68424-85-1	Not Estab.	Not Estab.	None	5-10
Octyl decyl dimethyl ammonium chloride	32426-11-2	Not Estab.	Not Estab.	None	5-10
Didecyl dimethyl ammonium chloride	7173-51-5	Not Estab.	Not Estab.	None	1-5
Dioctyl dimethyl ammonium chloride	5538-94-3	Not Estab.	Not Estab.	None	1-5

**SECTION 313 SUPPLIER NOTIFICATION**

The toxic chemical(s) listed above which are marked with an (\*) are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. Not all chemicals subject to Section 313 of EPCRA appear on the OSHA Floor List of Hazardous Chemicals.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: 212 F Specific Gravity (H<sub>2</sub>O=1): 0.997  
Vapor Pressure (mm Hg): As Water Melting Point: Not applicable  
Vapor Density (Air=1): As water Evaporation Rate (Water=1): 1.0  
Solubility in Water: Complete  
Appearance and Odor: Clear green liquid with pleasant fresh odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used): None to boiling TCC  
Flammable Limits LEL NA UEL NA  
Extinguishing Media: NA  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None

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**SECTION V - REACTIVITY DATA**

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Stability Unstable \_\_\_ Stable X

Conditions to Avoid:

Do not mix with other cleaning chemicals.

Incompatibility (Materials to Avoid):

Strong oxidizing or reducing agents.

Hazardous Decomposition or Byproducts:

Ammonia, nitrogen oxides.

Hazardous Polymerization: May Occur \_\_\_ May Not Occur X

Conditions to Avoid: None

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**SECTION VI - HEALTH HAZARD DATA**

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Route(s) of Entry: Ingestion? Yes Skin? Yes Inhalation? No Eyes? Yes

Health Hazards (Acute and Chronic): Direct eye contact can cause severe irritation. Repeated skin contact can cause severe irritation. Inhalation of mists can cause irritation to mucous membranes. Ingestion may cause severe irritation to mouth, throat, gastrointestinal tract, as well as circulatory shock and respiratory depression.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: Eyes; Redness, tearing, Skin: Irritation seen as redness. Ingestion: Burning pain in mouth, throat, abdomen, circulatory shock, convulsions.

Medical Conditions Generally Aggravated by Exposure: Dermatitis.

Emergency & First Aid Procedures:

Eye Contact: Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.

Inhalation: Unlikely to occur, however, in the event of inhalation move victim to fresh air. If irritation persists, or if symptoms of overexposure develop, get medical attention.

Skin Contact: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.

Ingestion: DO NOT induce vomiting. Drink large quantities of water. Avoid alcohol. Contact physician immediately.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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Steps to be Taken in Case Material is Released or Spilled: Mop up or absorb on solid absorbent and shovel into containers for disposal.

Waste Disposal Method: Dispose in compliance with Federal, State and local laws and 40 CFR.

Precautions to be Taken in Handling and Storing: Keep container closed when not in use.

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**SECTION VIII - CONTROL MEASURES**

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Respiratory Protection (Specify Type): Not Applicable

Ventilation: Mechanical (General): Sufficient

Protective Gloves: Rubber or neoprene

Eye Protection: goggles

Other Protective Clothing or Equipment: Not needed

Work/Hygienic Practices: Keep away from food and water supplies. Open dumping is prohibited. Do not reuse empty container. Wash hands thoroughly after using product.