



MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2007-02-16

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: QUEST 256 Neutral Disinfectant Cleaner
MSDS #: F-00079001
Product code: 4299444, 4299150, 4299020
Recommended use: Industrial/Institutional. Disinfectant Cleaner.

Manufacturer, importer, supplier:
US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiversevy.com

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- DANGER
CORROSIVE
CAUSES IRREVERSIBLE EYE DAMAGE
CAUSES EYE AND SKIN BURNS
MAY BE FATAL IF ABSORBED THROUGH SKIN
HARMFUL IF SWALLOWED

Principle routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Corrosive. Causes irreversible eye damage. Causes permanent eye damage, including blindness.
Skin contact: Corrosive. May cause permanent damage.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. May cause burns to mouth, throat and stomach .

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Table with 3 columns: Ingredient(s), CAS #, Weight %

4. FIRST AID MEASURES

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get medical attention immediately.
Skin contact: Flush immediately with plenty of water for at least 15-20 minutes. Call medical attendant, medical doctor, or poison control center .
Inhalation: If breathing is affected, remove to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably by mouth to mouth, if possible. Get medical attention immediately.

- Ingestion:** Call medical attendant, doctor, or poison control center immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person.
- Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.
- Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Dry chemical, water spray, foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

No information available

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Specific hazards: Although this product has a flash point below 200 Deg. F, it is an aqueous solution containing an alcohol and does not sustain combustion.

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required

NFPA

Health: 3

Flammability: 1

Instability: 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods:

Use appropriate containment to avoid environmental contamination. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing. Store in a cool, dry, well ventilated area away from heat or open flame. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection:

Chemical splash goggles.

Hand protection:

Chemical resistant gloves. Includes: neoprene gloves.

Skin and body protection:

Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:

If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

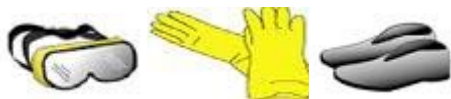
Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient(s)	ACGIH	OSHA	Mexico
Sodium hydroxide	2 mg/m ³ (Ceiling)	2 mg/m ³ (TWA)	2 mg/m ³ (Ceiling)
Ethyl alcohol	1000 ppm (TWA)	1000 ppm (TWA) 1900 mg/m ³ (TWA)	1000 ppm (TWA) 1900 mg/m ³ (TWA)

HMIS **Health** 3 **Fire Hazard** 1 **Reactivity** 0

Personal protective equipment**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State:** Liquid**Color:** Blue - Green**pH:** 7.3**Specific gravity:** 1.016**Bulk density:** No information available**Evaporation Rate** No information available**Solubility:** Soluble**Solubility in other solvents:** No information available**Partition coefficient (n-octanol/water):** No information available**Appearance:** No information available**Odor:** Mild**Dilution pH:** No information available.**Density:** 8.48**Vapor density:** No information available**Viscosity:** No information available**VOC:** No information available

Boiling point/range:	Not determined
Melting point/range:	Not determined
Flash point:	130°F 54°C
Decomposition temperature:	Not determined
Autoignition temperature:	No information available

10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerization does not occur

Conditions to avoid: Do not freeze.

Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION**HAZARDOUS COMPONENTS**

Ingredient(s)	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium hydroxide	=140 mg/kg	=1350 mg/kg	Not available
Tetrasodium salt of EDTA	=1658 mg/kg	Not available	Not available
N-alkyl Dimethyl Benzyl Ammonium Chloride	=426 mg/kg	Not available	Not available
Di-n-alkyl dimethyl ammonium chloride	Not available	Not available	Not available
Citric acid	=3000 mg/kg	Not available	Not available
Trisodium salt of NTA	=920 mg/kg	Not available	>5 mg/L (4 h)
Ethyl alcohol	=1501 mg/kg	Not available	=124.7 mg/L (4 h)

Acute toxicity Corrosive. Oral LD50 estimated to be between 500 - 5000 mg/kg. Dermal LD50 estimated to be between 200 - 2000 mg/kg.

Chronic toxicity: None known

Specific effects

Carcinogenic effects: None known

Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

HAZARDOUS COMPONENTS

Ingredient(s)	NTP	IARC	OSHA
Trisodium salt of NTA 5064-31-3		2B	X

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products:**

PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. Undiluted product is regulated under environmental and transportation laws as a corrosive waste.

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), China (IECSC).

U.S. Regulations

EPA Reg. No. : 1839-167-7176

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Citric acid	77-92-9	-	-	-	-
Polyoxyethylene nonylphenol	9016-45-9	-	-	-	-
Trisodium salt of NTA	5064-31-3	X	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	X
N-alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	-	-	-	-
Di-n-alkyl dimethyl ammonium chloride	68424-95-3	-	-	-	-

CERCLA/ SARA

None

SARA 311/312 Hazard Categories

Immediate: x
Delayed: -
Fire: x
Reactivity: -
Sudden Release of Pressure: -

Canada

DIN No. : 02243678

WHMIS hazard class: Non-controlled.

Ingredient(s)	CAS #	NPRI
Polyoxyethylene nonylphenol	9016-45-9	X
Ethyl alcohol	64-17-5	X

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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