

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: QD II QUATERNARY DISINFECTANT

PRODUCT USE: Disinfectant/Sanitizer

DOT SHIPPING NAME: N.A.

COMPANY:
De Vere Company, Inc.
1923 Beloit Ave. P.O Box 8444
Janesville, WI 53547-8444

Phone: 608 752-0576

24 Hour Emergency: CHEMTREC 800-424-9300

ABBREVIATION KEY: N.A. = Not Applicable N.E. = Not Established N.D. = Not Determined

H.M.I.S.

3	HEALTH	4 = Extreme
0	FIRE	3 = High
0	REACTIVITY	2 = Moderate
B	PERSONAL PROTECTION	1 = Slight 0 = Insignificant

A = Goggles, B = Goggles & Gloves,
C = Goggles, Gloves, & Apron

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50 Oral	LC50
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	68391-01-05	5	N.E.	N.E.	N.E.	N.E.
Alykl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	68956-79-6	5	N.E.	N.E.	N.E.	N.E.

This mixture does not contain components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 and CFR 40, Part 372

SECTION 3 - PHYSICAL DATA

Color: Clear	Boiling Point: 212F	Weight per Gallon: 8.3 lb.	pH: 7.5
Odor: None	Freezing Point: N.E.	Specific Gravity: 1	
Physical State: Liquid	Solubility in Water: Complete	Evaporation Rate (Water=1): N.E.	

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point and Method: N.A.	Autoignition Temperature: N.A.	Extinguishing Media: Water, Dry Foam, CO2
Flammable Limits: N.A.	LEL: N.A.	Special Fire Fighting Procedures: Self Contained Breathing Apparatus.
Hazardous Combustion Products: None	UEL: N.A.	Unusual Fire and Explosion Hazards: None

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable	Hazardous Decomposition of by-products: None
Incompatibility (Materials to Avoid): May react to strong oxidizing agents	Hazardous Polymerization: Will Not Occur

SECTION 6 - TOXOLOGICAL PROPERTIES

Routes of Entry: Eyes, Skin, Ingestion, Inhalation	Medical Conditions Aggravated by Exposure: N.E.
EFFECTS OF OVEREXPOSURE (Acute and/or Chronic): Eyes: May be severely irritating to eyes and may cause eye burns	Carcinogenic Effects: None
Skin: May be severely irritating to skin. May be harmful if absorbed through skin.	Mutagenic Effects: None
Ingestion: May be harmful or fatal if swallowed.	Teratogenic Effects: None
Inhalation: Concentrate may cause irritation to respiratory system. Excessive inhalation causes headache, dizziness, nausea and loss of motor skills.	Reproductive Toxicity: None

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None required with adequate ventilation.	Ventilation: Local exhaust
Protective Gloves: Rubber gloves for contact with concentrate.	Eye Protection: Chemical splash goggles if contact with concentrate possible.
Storage Requirements: Store In A Well Ventilated Area	Work and Hygienic Practices: Never Mix Cleaning Products With Others. Prevent Contact With Skin And Eyes.
Steps to be Taken if Material Is Spilled or Released: Flush Small Spill To Drain Or Neutralize With Bicarbonate Of Soda Or Soda Ash.	Other Requirements: KEEP AWAY FROM CHILDREN. For Commercial Use Only. Do Not Reuse Empty Container. Rinse Before Disposal. Do not contaminate water, food or feed by storage or disposal.
Waste Disposal: Neutralized Material Can Go Into Trash Collection. Dispose Of Large Spills In Accordance With Local, State And Federal Rregulations.	

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - Call physician or Poison Control Center immediately for treatment advice. Take product container when going for medical treatment.
Eyes: 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 eye. Get immediate medical attention.
Ingestion: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or physician. Do not give anything by mouth to unconscious person.
Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
Inhalation: Move person to fresh air. If person not breathing call 911, then give artificial respiration, preferably mouth-to-mouth if possible.

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

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