

SAFETY DATA SHEET

D Q S

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 08/26/2015 / Supersedes Revision: 02/13/2015

Manufacturer:

PDQ Manufacturing, Inc.
201 Victory Circle
Ellijay, GA USA 30540
Phone: (706) 636-1848
Website: www.pdqonline.com

Distributor:

PROCLEAN SYSTEMS/SWISHER HYGIENE
P. O. BOX 472528
CHARLOTTE, NC 28247
800/338-8652

EMERGENCY CONTACT: Chemtrec, Reference CCN203605
Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

Product Name: D Q S
ID Code: 4382
Product Category: Quat Sanitizer

SECTION 2: HAZARD(S) IDENTIFICATION

Skin Corrosion/Irritation, Category 1A-1C
Serious Eye Damage/Eye Irritation, Category 1



GHS Signal Word: DANGER

GHS Hazard Phrases:

H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage.

GHS Precaution Phrases:

P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.
P310 - Immediately call a POISON CENTER or doctor/physician.
P321 - Specific treatment see appropriate section on the label or SDS.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases:

P405 - Store locked up.
P501 - Users are advised to determine the appropriate disposal method based on local, state and federal regulations and comply with those regulations.

Hazard Rating System:

HMIS

Health: 2
Flammability: 0
Physical: 0
PPE: B

NFPA

Health: 2
Flammability: 0
Instability: 0
Special Hazard: N/A

Potential Health Effects (Acute and Chronic): Harmful if swallowed. Causes severe skin burns and eye damage. Toxic to aquatic life.

SAFETY DATA SHEET

D Q S

Inhalation: Harmful if inhaled.

Skin Contact: Contact may cause burns to skin and eyes.

Eye Contact: Contact may cause burns to skin and eyes.

Ingestion: May cause irritation of the digestive tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	1.6 -4.8 %
32426-11-2 1-	Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}	0.8 -2.4 %
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	0.8 -2.4 %
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	0.8 -2.4 %
64-17-5	Ethyl alcohol {Ethanol}	0.5 -1.5 %

SECTION 4: FIRST-AID MEASURES

Emergency and First Aid Procedures: Have the product container or label with you when calling a poison control center or doctor or going for medical treatment.

If in 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.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

If haled: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

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

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: NP Method Used: Estimate

Explosive Limits: LEL: UEL:

Autoignition Pt: NA

Suitable Extinguishing Media: Water spray, fog or alcohol-resistant foam.

Fire Fighting Instructions: Containers can build up pressure if exposed to heat (fire). Runoff from fire control or dilution water may cause pollution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Flammable Properties and Hazards:

SECTION 6: ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: For personal protection see section 8. Impervious gloves. Chemical safety goggles. Chemical resistant boots.

Environmental Precautions: Do not discharge directly into the environment or into the sewer system. Avoid spillage reaches watercourses and sewerage systems.

Steps To Be Taken In Case Material Is Released Or Spilled: Evacuate personnel to safe areas. Avoid contact with eyes, skin, and clothing.

SECTION 7: HANDLING AND STORAGE

Precautions To Be Taken in Handling: Do not ingest or inhale. Do not get in eyes, on skin or clothing. Do not breathe dust, mist, or vapor. Use with adequate ventilation. Wash thoroughly after handling.

Precautions To Be Taken in Storing: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store in original container in areas inaccessible to children.

SAFETY DATA SHEET

D Q S

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68424-85-	1 Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides			
32426-11-2 1	-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}			
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride			
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride			
64-17-5	Ethyl alcohol {Ethanol}	PEL: 1000 ppm	TLV: 1000 ppm	

Respiratory Equipment (Specify Type): Respirator protection is not normally required.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Use of gloves is recommended.

Other Protective Clothing: Protective garments not normally required.

Engineering Controls (Ventilation etc.): Use with adequate ventilation. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels. Safety shower and eye bath.

Work/Hygienic/Maintenance Practices: Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid	Specific Gravity (Water = 1): 0.979 - 0.999 at 20.0 C
Appearance and Odor: Clear blue liquid with sweetish odor.	Vapor Pressure (vs. Air/mm Hg): 17.5 MM_HG at 20.0 C
Freezing Point: ~ 0.00 C	Vapor Density (vs. Air = 1): NA
Boiling Point: ~ 100.00 C	Evaporation Rate: ~ 1 (H2O=1)
Autoignition Pt: NA	Solubility in Water: Complete
Flash Pt: NP Method Used: Estimate	Viscosity: Water thin
Explosive Limits: LEL: UEL:	pH: 5.0 - 6.2
	Percent Volatile: > 85.0 % by weight.
	VOC / Volume: 0.0000 G/L

SECTION 10: STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Avoid contact with acids, reducing agents, oxidizers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds.

Incompatibility – Materials To Avoid: Chlorine Bleach.

Hazardous Decomposition Or Byproducts: hydrogen chloride. Carbon dioxide, Carbon monoxide, nitrogen oxides.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid -Hazardous Reactions:

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information:

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	n.a.	n.a.	n.a.	n.a.
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}	n.a.	n.a.	n.a.	n.a.
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	n.a.	n.a.	n.a.	n.a.
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	n.a.	n.a.	n.a.	n.a.
64-17-5	Ethyl alcohol {Ethanol}	n.a.	1	A4	n.a.

SECTION 12: ECOLOGICAL INFORMATION

General Ecological Information: Toxic to aquatic life.

SAFETY DATA SHEET

D Q S

SECTION 13: DISPOSAL CONSIDERATIONS

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Disinfectants, liquid, corrosive n.o.s. (May be shipped as Disinfectants, liquid, corrosive n.o.s. Limited Quantity for shipments of less than 5 liters per container)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN1903

LAND TRANSPORT (Canadian TDG): III

TDG Shipping Name:



SECTION 15: REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	No
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}	No	No	No
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	No	No	No
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	No	No	No
64-17-5	Ethyl alcohol {Ethanol}	No	No	No

CAS # Hazardous Components (Chemical Name)

68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride
64-17-5	Ethyl alcohol {Ethanol}

Other US EPA or State Lists

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

SECTION 16: OTHER INFORMATION

Revision Date: 08/26/2015

Preparer Name: Regulatory Affairs

Additional Information About This Product:

EPA Reg. No. 6836-70-50416 / EPA Est. No. 58880-GA-01

Company Policy or Disclaimer: The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.