

ADVANCE QUAT SANITIZER-DISINFECTANT

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity 3 0 0	Hazardous Material Information System (HMIS)	Health3 Fire Hazard0 Reactivity0
Specific Hazard			
Protective Clothing	Emergency Overview Clear. Red. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL IF ABSORBED THROUGH SKIN.		

Section 1. Chemical Product and Company Identification

Product Name	ADVANCE QUAT SANITIZER-DISINFECTANT	Code	3318399
Product Use	Not available.	PMS#	Not available.
MSDS#	F-00534001	Validation Date	7/6/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiverse.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	Print Date	7/6/2004
		Supersedes	No Previous Validation.
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
n-Alkyl Dimethyl Benzyl Ammonium Chlorides n-Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides Ethyl Alcohol	68391-01-5 68956-79-6 64-17-5	1-5 1-5 0.1-1	Not available. Not available. OSHA (United States). TWA: 1900 mg/m ³ ACGIH (United States). TWA: 1880 mg/m ³ ACGIH TLV (United States, 2003). Notes: 1996 Adoption Refers to Appendix A -- Carcinogens. TWA: 1880 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 1900 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s)	Not available. Not available. ORAL (LD50): Acute: 7060 mg/kg [Rat]. 6300 mg/kg [Rabbit]. 3450 mg/kg [Mouse]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].
Water Alkylphenoxy Polyethoxyethanol Sodium Carbonate	7732-18-5 9016-45-9 497-19-8	60-100 1-5 1-5	Not available. Not available. Not available.	Not available. ORAL (LD50): Acute: 1310 mg/kg [Rat]. ORAL (LD50): Acute: 4090 mg/kg [Rat]. 6600 mg/kg [Mouse]. DUST (LC50): Acute: 2300 mg/m ³ 2 hour(s) [Rat].

Section 3. Hazards Identification

Routes of Entry	Skin Contact. Eye contact. Inhalation.
Potential Acute Health Effects	
<i>Eyes</i>	Corrosive to eyes. Causes irreversible eye damage or skin burns.
<i>Skin</i>	Corrosive to skin on contact. Harmful if absorbed through the skin.
<i>Inhalation</i>	May cause irritation and corrosive effects to nose, throat and respiratory tract.
<i>Ingestion</i>	May cause abdominal discomfort, nausea, vomiting and diarrhea. Corrosive. May cause burns to mouth, throat and stomach.
Medical Conditions Aggravated by Overexposure:	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 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	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Notes to Physician	Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Open cup: 149°C (300.2°F) Closed cup: 149°C (300.2°F).
Products of Combustion	oxides of nitrogen carbon oxides (CO, CO ₂)
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Absorb with an inert material and place in an appropriate waste disposal container. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. 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 INSTITUTIONAL USE ONLY
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves.
<i>Respiratory</i>	If mists/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.
<i>Feet</i>	Protective footwear.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Bland. (Slight.)
Color	Clear. Red.
pH	11.7 [Basic.]
Specific Gravity	1.04
Boiling/Condensation Point	100°C (212°F)
VOC	0 %
Solubility in water	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Slightly reactive to reactive with alkalis. Slightly reactive to reactive with acids
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)oxides of nitrogen
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Estimated to be greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information	Handle as a Pesticide waste. Do not bury, Do not dispose of with Commercial or Household waste.Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations.
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Section 14. Transport Information

DOT Classification

DOT Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.
DOT Class Not applicable.

TDG Classification

TDG Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class Not applicable.

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal SARA 302/304/311/312 hazardous chemicals: Ethyl Alcohol, Sodium Carbonate
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Ethyl Alcohol, Sodium Carbonate
 CERCLA: Hazardous substances.: Ethyl Alcohol

State New Jersey: Ethyl Alcohol
 Massachusetts spill list: Ethyl Alcohol
 Massachusetts RTK: Ethyl Alcohol
 Pennsylvania RTK: Ethyl Alcohol

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

Registered Product Information EPA Registration Number: 875-106

Canadian Regulations

Canadian NPRI Canadian NPRI: Alkylphenoxy Polyethoxyethanol.

WHMIS Classification Not controlled under WHMIS (Canada).

WHMIS Icon



Registered Product Information Not available.

Chemical Inventory Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Other Special Considerations Not available.

Version 1

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