

MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Vanguard Quat Rinse

PRODUCT CODE |

EMERGENCY TELEPHONE NUMBERS

ISSUE DATE | 08/24/06

DISTRIBUTOR	Quality Chemical	Transportation:	(800) 424-9300 *
STREET ADDRESS	110 Hamilton St	* For spill, leak, fire or transport accident emergencies.	
CITY, STATE, ZIP	Merchantville, NJ 08109	Product Information:	(856) 662-1895

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	NIOSH REL
Alkyl dimethyl benzyl ammonium chlorides	68391-01-5	5.0	*Not Established	*Not Established	*Not Established
Alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	5.0	*Not Established	*Not Established	*Not Established
*Although OSHA and ACGIH have not established specific exposure ingredients in this material they have established the following limits for					
nuisance dusts or mists which can be used as a guideline. OSHA					
Total 10mg/m3; Respirable 5 mg/m3.					

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Causes severe eye damage. Can cause skin irritation. Harmful if swallowed
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POTENTIAL HEALTH EFFECTS	
INGESTION	Can cause chemical burns of mouth, throat, and stomach.
INHALATION	Mist causes irritation to nasal passages.
EYE CONTACT	Causes severe irritation and possible chemical burns.
SKIN CONTACT	Repeated contact can cause severe skin irritation.

SECTION 4 -- FIRST AID MEASURES

INGESTION	Call 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.
INHALATION	Remove individual to fresh air, keep still seek medical attention.
EYE CONTACT	In case of eye contact, immediately flush eyes with plenty of water for at least 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get immediate medical attention.
SKIN CONTACT	In case of skin contact, immediately flush skin with plenty of water for at least 15 minutes. Call a physician. Remove and wash contaminated clothing before reuse.
NOTE TO PHYSICIAN	Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	>200 F Pensky - Martins Closed Cup	FLAMMABLE LIMITS	N/A
EXTINGUISHING MEDIA	CO2, dry chemical, water fog		
SPECIAL FIRE FIGHTING PROCEDURES	Must wear full protective clothing and MESA/NIOSH approved self-contained breathing apparatus.		
FIRE AND EXPLOSION HAZARDS	Products of combustion are toxic.		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Dike and contain spills with inert material (sand, earth, etc.) and transfer the liquid and solid material separately to containers of recovery or disposal. Keep soil out of sewers and open bodies of water. Caution - floors may be slippery.
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SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Do not contaminate water, food, or feed by storage and disposal.
STORAGE PRECAUTIONS	Store in a dry place no lower in temperature than 50F or higher than 120F.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Observe label precautions; use personal protective equipment.
ENGINEERING CONTROLS	Facilities using this product must be equipped with an eyewash station.

PERSONAL PROTECTIVE EQUIPMENT

X	RESPIRATOR	Approved MSHA/NIOSH respirator is required if product is misted.
X	GOGGLES / FACE SHIELD	Chemical safety splash goggles ANSI approved.
X	APRON	Recommended to protect skin and clothing during use.
X	GLOVES	Required, use PVC, Neoprene, Nitrile
X	BOOTS	Recommended for cleaning up large spills or applying product in a manner which wets floors.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear red liquid	BOILING POINT	180F
ODOR	Mild amine odor	FREEZING POINT	32°F
pH	6-8 (neutral)	VAPOR PRESSURE	Similar to water
SPECIFIC GRAVITY	0.9656	VAPOR DENSITY	No Data
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	1 (water = 1)

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X	UNSTABLE	
CONDITIONS TO AVOID					
INCOMPATIBILITY	Avoid contact with strong oxidizing and reducing agents. Contact with anionic surfactants will deactivate the germicide.				
HAZARDOUS PRODUCTS OF DECOMPOSITION	Thermal decomposition; oxides of carbon and nitrogen, highly toxic hydrogen chloride fumes.				
POLYMERIZATION		WILL NOT OCCUR	X	MAY OCCUR	
CONDITIONS TO AVOID					

SECTION 11 -- TOXICOLOGICAL INFORMATION**CARCINOGENICITY**

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

OTHER EFFECTS

ACUTE	No Data
CHRONIC	No Data

SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE
BOD / COD VALUE	No Data				
ECOTOXICITY	No Data				

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	<p>Container Disposal: Do not reuse empty container. Triple rinse empty container with water. Return metal drum then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers may be disposed of in a sanitary landfill incinerator, if allowed by local authorities, by burning. If burned, stay out of smoke.</p> <p>Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is 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.</p>				
RCRA CLASSIFICATION	See label pertaining to disposal instructions.				
RECYCLE CONTAINER		YES	X	CODE	NO

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS	X		NOT HAZARDOUS	X
	Disinfectant Liquid Corrosive, n.o.s., (Quaternary Ammonium Compound), 8, UN 1903, PG III Emergency Response Guidebook: Guide 154					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

X	EPA REGISTERED (UNDER FIFRA)	
X	FDA REGULATED	
X	KOSHER	
	SARA TITLE III MATERIAL	
X	USDA AUTHORIZED	

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

2	BLUE	HEALTH HAZARD
1	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Quality in connection with the use of this information.