

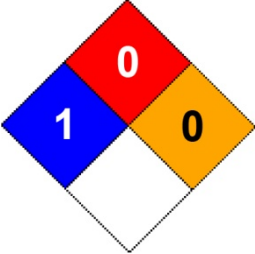
MATERIAL SAFETY DATA SHEET

VITREX ULTRA



1. PRODUCT AND COMPANY IDENTIFICATION		
Product Name	General Use	Chemical Family
Vitrex ULTRA	Cleaning Agent Additive	Vitrex
Manufacturers Name	24 Hr. Emergency Telephone Numbers	
Aqueous Technologies Corporation 9055 Rancho Park Court, Rancho Cucamonga, CA 91730 USA 909-944-7771 • www.aqueoustech.com	CANUTEC (Canadian Transportation): 613-996-6666 CHEMTREC (US Transportation): 800-424-9300 INFOTRAC (US Transportation): 800-535-5053	
2. INGREDIENTS		
Hazardous Components	CAS Number	Approximate %
No ingredient is determined hazardous by OSHA definition	N/A	N/A
See Section 8 for exposure limits (if applicable).		
3. HAZARDS IDENTIFICATION		
Emergency Overview Clear straw colored liquid with a mild odor. May be irritating to eyes and skin and to mucous membranes if inhaled or swallowed.		
Eyes:	Contact may cause irritation.	
Skin:	Skin contact may cause irritation, possibly severe.	
Ingestion:	May be harmful if ingested.	
Inhalation:	May be mildly irritating to lungs, nose and throat.	
4. FIRST AID MEASURES		
Eyes:	Immediately flush eyes with plenty of water for 15 minutes. If irritation develops, get medical attention.	
Skin:	Remove contaminated clothing and shoes. Wash affected area with plenty of soap and water. Get medical attention. Wash contaminated items before reuse.	
Ingestion:	If conscious, give person 1 to 2 glasses of water. Get medical help.	
Inhalation:	Remove victim from area of exposure. If unconscious, give oxygen. Give artificial respiration if not breathing. Get medical help.	
Medical Conditions Aggravated:	Conditions aggravated may include disorders of the skin, respiratory and nervous systems.	
5. FIRE AND EXPLOSION HAZARD DATA		
Flash Point:	212° F. / 100° C	
Flammability Limits in Air:	None established	
Extinguisher Media:	Standard methods including dry chemical, carbon dioxide, foam and water fog.	
Special Fire Fighting Procedures:	Water should be used to keep fire-exposed containers cool. Prevent runoff from fire control from entering streams, sewers or drinking water supply.	
Combustion Products:	Oxides of carbon and nitrogen.	
6. ACCIDENTAL RELEASE MEASURES		
Small Spill:	Use proper personal protective equipment. Dike area to contain spill. Pick up spill on absorbent, non-combustible material. Place into a chemical waste container. Don't flush into sewers or natural waterways. Wipe area with water to remove last traces.	
Large Spill:	Contain material as described above. If necessary, call the local fire or police department for immediate emergency assistance.	
7. HANDLING AND STORAGE		
Handling:	Do not eat, drink or smoke in handling area. Wear proper eye and skin protection. Follow proper handling procedures.	
Storage:	Keep container tightly closed. Store in cool (60-80°F) ventilated area. Keep separate from strong acids, and oxidizers and away from heat, sparks and open flame.	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION			
Hazardous Component		Exposure Limits	
None		OSHA PEL, ppm	ACGIH TLV, ppm
		N/A	N/A
Respiratory Protection:	Use NIOSH approved organic vapor air purifying respirator.		
Ventilation:	Use in well-ventillated area with local exhaust.		
Protective Gloves:	Impervious chemical, etc.		
Eye Protection:	Glasses, goggles or face shield, etc.		
Other Protective Equipment:	Eye fountain, safety shower, etc.		
Work Hygiene Practices:	Do not eat, drink, or smoke when handling industrial materials.		
9. PHYSICAL AND CHEMICAL PROPERTIES			
pH 100%:	10.3 – 11.3		
pH 10%:	9.0 – 10.0		
Volatile Organic Compound (VOC):	942.1 g/L		
EPA Method 24:	0.05 mmHg at 20°C		
:Vapor Pressure, VOC Components:	0.921 @ 20° C		
Specific Gravity:	Clear straw liquid		
Appearance:	Mild		
Odor:	Very Soluble		
Solubility in Water:	165° - 175°C		
Boiling Point:			
10. STABILITY AND REACTIVITY			
Stability:	Stable		
Hazardous Polymerization:	Will not occur		
Incompatibility:	Strong acids and oxidizers		
Hazardous Decomposition:	Oxides of carbon, nitrogen		
Other:	Do not add nitrates due to possible formation of nitrosoamines.		
11. TOXICOLOGICAL INFORMATION			
Acute Toxicology:	No data is available on product as a whole.		
Chronic Toxicology:	Not established on product as a whole.		
Carcinogenicity:	Contains no known or suspected carcinogens.		
12. ECOLOGICAL INFORMATION			
Environmental Fate and Effects			
Ecotoxicity:	Not established		
Mobility:	Not established		
Persistence and Degradability:	Not established		
Bioaccumulative Potential:	Not established		
13. DISPOSAL CONSIDERATIONS			
Disposal of Material:	Use approved treatment, transporters and disposal sites. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.		
Empty Containers:	Keep containers closed when not in use. Do not reuse empty containers.		
14. TRANSPORT INFORMATION			
US DOT:	49CFR172.101		
Proper Shipping Name:	Compounds, Cleaning Liquid, Non-hazardous, Non-flammable.		
Hazard Class or Division:	None		
Identification No.:	None		
Packing Group:	None		
Label:	None		
Placard:	None		
15. REGULATORY INFORMATION			
29CFR 1910.1200:	None		
States Right-to-Know:	Tetrahydrofurfuryl alcohol CAS # 97-99-4 PA, MA		
	Propylene glycol 107-98-2 PA		
	2-(2-aminoethoxy) ethanol 929-06-6 NJ, MA		
TSCA Listed:	Yes		
CERCLA:	No		
SARA TITLE III, Section 313:	None		

SARA 302: No SARA 311/312: Health: Acute California Proposition 65: None Canada: D2B RoHS Compliant: Yes									
16. OTHER INFORMATION									
HMIS RATING	NFPA CODES								
<table border="1"> <tr> <td>HEALTH:</td><td>1</td></tr> <tr> <td>FLAMMABILITY:</td><td>0</td></tr> <tr> <td>PHYSICAL HAZARD:</td><td>0</td></tr> <tr> <td>PERSONAL PROTECTION:</td><td></td></tr> </table>	HEALTH:	1	FLAMMABILITY:	0	PHYSICAL HAZARD:	0	PERSONAL PROTECTION:		
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