

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Virox Carpet Cleaner and Sanitizer
Product Use: Carpet cleaner
WHMIS Class: Class E - Corrosive Material
TDG Classification: Corrosive liquid, acidic, inorganic, n.o.s. (Hydrogen peroxide, Phosphoric acid); Class 8; UN3264; PGIII
Manufacturer: Virox Technologies Inc.
2815 Bristol Circle, Unit 4
Oakville, ON L6H 6X5 CA
Phone (905) 813-0110
Supplier: JohnsonDiversey Canada Inc.
2401 Bristol Circle
Oakville, ON L6H 6P1 CA
Phone 1-800-842-2341

LEGEND HMIS		Health	/	3
Severe	4	Flammability		0
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		B
Slight	1			
Minimal	0			

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Dodecylbenzenesulfonic acid	27176-87-0	0.5 - 1.5	Not established	Not available	650 mg/kg rat
Hydrogen peroxide	7722-84-1	1 - 5	1.4 mg/m3 - TWA	2000 mg/m3 rat	75 mg/kg rat
1-Hydroxyethylidene-1,1-diphosphonic acid	2809-21-4	1 - 5	Not established	Not available	1800 mg/kg rat

SECTION III - PHYSICAL DATA

Boiling Point:	Not available	Specific Gravity:	1.035 @25°C
Freezing Point:	Not available	Coefficient of Water/Oil	Not available
Vapour Pressure:	Not available	Distribution:	
Vapour Density:	Not available	% Volatile:	Not available
Solubility in Water:	Complete	Evaporation Rate:	Not available
Physical State:	Liquid	pH:	2.5 - 3.5
Appearance:	Clear colourless	Viscosity:	Water thin
Odour:	Odourless.	Odour Threshold:	Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	Not flammable by WHMIS criteria.		
Flash Point:	Not available	LEL:	Not available
Hazardous Combustion Products:	May include and are not limited to: Oxides of carbon. Oxides of sulphur. Hydrogen sulphide. Oxygen.		
Autoignition Temperature:	Not available		
Explosion Data:			
Sensitivity to Mechanical Impact:	Not available		
Sensitivity to Static Discharge:	Not available		
Means of Extinction:	Treat for surrounding material.		
Special Fire Hazards:	Firefighters should wear a self-contained breathing apparatus.		

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable.
Incompatible Materials:	Oxidizers. Reducing agents. Caustics. Acids.
Reactivity:	Do not mix with other chemicals.
Hazardous Decomposition Products:	May include and are not limited to: Oxides of carbon. Oxides of sulphur. Hydrogen sulphide. Oxygen when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: Corrosive. May cause burns.
Skin: Corrosive. May cause burns.
Inhalation: Not a normal route of exposure.

Ingestion: Corrosive. Harmful if swallowed. May cause burns and other medical problems.

EFFECTS OF CHRONIC EXPOSURE:

Skin:	Prolonged or repeated exposure to dilutions may cause skin drying in sensitive individuals.
Irritancy:	May cause burns.
Respiratory Tract Sensitization:	Non-hazardous by WHMIS criteria.
Carcinogenicity:	Non-hazardous by WHMIS criteria.
Teratogenicity:	Non-hazardous by WHMIS criteria.
Mutagenicity:	Non-hazardous by WHMIS criteria.
Reproductive Effects:	Non-hazardous by WHMIS criteria.
Synergistic Materials:	None known.

SECTION VII - PREVENTATIVE MEASURES

Gloves:	Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection:	Safety goggles or glasses.
Respiratory Protection:	Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.
Other Protective Equipment:	As required by employer code.
Engineering Controls:	General ventilation normally adequate.
Leak and Spill Procedure:	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste Disposal:	Review federal, provincial, and local government requirements prior to disposal.
Handling Requirements:	Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
Storage Requirements:	Keep out of reach of children. Avoid storage at elevated temperatures.

SECTION VIII - FIRST AID

Eye:	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin:	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation develops or persists.
Inhalation:	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion:	Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth to a victim who is unconscious or is having convulsions.

SECTION IX - PREPARATION INFORMATION

Effective Date: 15-Jul-2005

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Prepared By: Dell Tech Laboratories Ltd. (519) 858-5021

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