

PREempt Concentrate

SECTION 1. IDENTIFICATION

Product Identifier PREempt Concentrate
Recommended Use Concentrated Hard Surface Cleaner and Disinfectant.
Manufacturer Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110
Emergency Phone No. Virox Technologies Inc., 1-800-387-7578
SDS No. 003133

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) - Category 5; **Serious eye damage/eye irritation** - Category 1

GHS Label Elements



Signal Word: Danger

Hazard Statement(s):

Causes serious eye damage. May be harmful if swallowed.

Precautionary Statement(s):

Prevention: Wash hands and skin thoroughly after handling. Wear eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If swallowed: Rinse mouth. DO NOT induce vomiting.

Storage: See Section 7 for Handling and Storage information.

Disposal: See Section 13 for Waste Disposal information.

Other Hazards: None known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/Mixture: Mixture

Chemical Name	CAS No.	Concentration %	Other Identifiers
Hydrogen peroxide	7722-84-1	7	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Not a normal route of exposure.

Skin Contact

Remove contaminated clothing and thoroughly flush affected areas with lukewarm water. Obtain medical attention if irritation develops or persists.

Eye Contact

Flush with cool water for 10-15 min. Remove contact lenses, if applicable, once flushing has begun. Get medical attention immediately after flushing.

Ingestion

Rinse mouth with water. Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Call a Poison Centre or doctor if you feel unwell or are concerned.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

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Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

Decomposition releases oxygen which may intensify fire.

Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

Prevent large spills from entering sewers or waterways.

Methods and Materials for Containment and Cleaning Up

Large spills or leaks: (greater than 5 gallons) Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Use water rinse for final cleanup.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice avoid contact with eyes, skin and clothing. Do not ingest. Prevent accidental contact with incompatible chemicals. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Store in an area that is out of direct sunlight. Avoid storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen Peroxide	1 ppm		1 ppm			

Appropriate Engineering Controls

General ventilation normally adequate.

Individual Protection Measures

Eye/Face Protection

Safety goggles or glasses.

Skin Protection

Wear appropriate chemical resistant gloves.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless.
Odour	Not available
Odour Threshold	Not available
pH	0.7
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available

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Relative Density (water = 1)	1.032 - 1.042
Solubility	Soluble in water
Auto-ignition Temperature	Not available
Other Information	
Physical State	Liquid
Elemental Phosphorous	0% by weight
Dilution pH (1 - 40)	2.2 - 2.4

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability

This product is stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Do not mix with any other cleaning or disinfecting product.

Incompatible Materials

Oxidising agents, reducing agents, bases, ferrous materials such as galvanized Iron and heavy metals.

Hazardous Decomposition Products

Decomposition releases oxygen which may intensify fire.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Skin contact; eye contact; ingestion; inhalation.

Acute Toxicity

LC50 (Inhalation): > 20 mg/L

LD50 (Oral): > 2000 mg/Kg

LD50 (Dermal): > 5000 mg/Kg

Skin Corrosion/Irritation

Causes mild skin irritation.

Serious Eye Damage/Irritation

Causes serious eye damage.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Not classified under GHS criteria

Skin Absorption

Not classified under GHS criteria

Ingestion

Not classified under GHS criteria

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Not classified under GHS criteria

Respiratory and/or Skin Sensitization

Not classified under GHS criteria

Carcinogenicity

Not classified under GHS criteria

Reproductive Toxicity

Development of Offspring

Not classified under GHS criteria

Sexual Function and Fertility

Not classified under GHS criteria

Germ Cell Mutagenicity

Not classified under GHS criteria

Interactive Effects

None known.

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by OSHA.

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Review federal, provincial and local government requirements prior to disposal.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Special Precautions for User Not applicable

Other Information Not regulated under IMO/IMDG.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

Additional Canadian Regulatory Lists

WHMIS Exempt: DIN 02436701.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 3 Flammability - 0 Physical Hazard - 0

SDS Prepared By Virox Technologies Inc.

Phone No. (800) 387-7578

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