

Optim CS (CAN)

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022).

SECTION 1. IDENTIFICATION

Product Identifier Optim CS (CAN)
Other Means of Identification Medical Device Licence Number: 103169
Recommended Use Chemosterilant and high level disinfectant
Restrictions on Use No information available.
Initial Supplier Identifier SciCan Ltd, 1440 Don Mills road, Toronto, ON, M3B 3P9, 1-800-667-7733
Emergency Telephone Number SciCan Ltd, 1-800-535-5053
SDS No. 053011

SECTION 2. HAZARD IDENTIFICATION

GHS Classification Serious Eye Damage - Category 1

GHS Label Elements



Signal Word: Danger

Hazard Statement(s): Causes serious eye damage.

Precautionary Statement(s):

Prevention: Wear eye protection (safety glasses or goggles) or face protection (face shield). Do not touch eyes.

Response: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Storage: See Section 7 for Handling and Storage information.

Disposal: See Section 13 for Disposal Considerations.

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	
Phosphoric Acid	7664-38-2	1 - 5	

This product is a medical device as defined under the Food and Drugs Act and is exempt from SDS authoring in Canada. Please reference the following medical device Licence Number: 103169.

SECTION 4. FIRST-AID MEASURES

Description of Necessary First-aid Measures

Inhalation

No specific first aid measures are required.

Skin Contact

Rinse skin with cool water. Wash with soap and water. If skin irritation occurs get medical advice.

Eye Contact

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

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Ingestion

Have victim rinse mouth with water. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do NOT induce vomiting. Immediately call a Poison Center or doctor.

Most important Symptoms and Effects (Acute or Delayed)

No information available.

Indication of Immediate Medical Attention and Special Treatment Needed:

Immediate medical attention is required after eye exposure. Symptoms may be delayed or progress with time.

Note to Physician: Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

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 chemical safety goggles and natural or butyl rubber, nitrile or neoprene gloves.

Environmental Precautions

Before attempting clean-up, refer to hazard data. Review federal, provincial and local government requirements prior to disposal. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place contained 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. Use with adequate ventilation. Avoid contact with eyes skin and clothing. Use chemical safety goggles and natural or butyl rubber, nitrile or neoprene gloves. Do not ingest.

Wash hands thoroughly after handling. 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 TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen peroxide	1 ppm		1 ppm			
Phosphoric Acid	1 mg/m ³	3 mg/m ³	1 mg/m ³			

Appropriate Engineering Controls

General ventilation normally adequate.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Natural or butyl rubber, nitrile or neoprene gloves.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Basic Physical and Chemical Properties**

Appearance	Light yellow liquid.
Colour	Light yellow
Odour Threshold	Not available
pH	2.4 - 2.9
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Decomposition Temperature	Not available
Flammability (solid, gas)	Not available
Flash Point	Not available
Evaporation Rate	Not available
Particle Characteristics	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.058 - 1.063 at 25 °C
Solubility	Soluble in water
Auto-ignition Temperature	Not available
Viscosity	Not available (kinematic)
Other Information	
Physical State	Liquid
%VOC	Not available
% Volatile	Not available
Odour	Characteristic odour

SECTION 10. STABILITY AND REACTIVITY**Chemical Stability**

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Do not mix with chlorinated products.

Incompatible Materials

Do not mix with any other cleaning or disinfecting product.

Hazardous Decomposition Products

Decomposition releases oxygen, which may intensify fire.

SECTION 11. TOXICOLOGICAL INFORMATION**Likely Routes of Exposure**

Eye contact; Skin contact; inhalation; ingestion.

Acute Toxicity for the Product

Oral LD50 is calculated to be > 3000 mg/kg.

Dermal LD50 is calculated to be > 5000 mg/kg.

Serious Eye Damage/Irritation

Causes serious eye damage.

STOT (Specific Target Organ Toxicity) - Single Exposure

Not classified under GHS criteria.

Inhalation

Not classified under GHS criteria.

Skin Absorption

Not classified under GHS criteria.

Ingestion

May be harmful if swallowed. Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

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**Ecotoxicity**

No information available

Persistence and Degradability

No information available

Bioaccumulative Potential

No information available

Mobility in Soil

No information available

Other Adverse Effects

No information available

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 or exempt.

Additional Canadian Regulatory Lists

WHIMIS exempt: Medical Device License Number: 103169

Pursuant to Schedule 1 of the *Hazardous Products Act*, any product defined as a cosmetic, medical device, drug, or food under section 2 of the *Food and Drugs Act* is not subject to SDS preparation or distribution requirements.

SECTION 16. OTHER INFORMATION

SDS Prepared By Virox Technologies Inc.

Phone No. (800) 387-7578

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Additional Information For an updated SDS please contact the supplier/manufacturer listed on the first page of this document. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirement of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and manufacturer/supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. The contents of this document have been prepared in accordance with SOR/2015-17, *Hazardous Products Regulations (HPR)* (amended 2022).

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