

Optim 28

SECTION 1. IDENTIFICATION

Product Identifier Optim 28
Recommended Use Instrument Pre-Cleaner.
Supplier SciCan Ltd, 1440 Don Mills road, Toronto, ON, M3B 3P9, 1-800-667-7733
Emergency Phone No. SciCan Ltd, 1-800-667-7733
SDS No. 052316

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification:

Acute toxicity (Oral) - Category 4; **Skin corrosion/irritation** - Category 3; **Serious eye damage/eye irritation** - Category 2B

GHS Label Elements :



Signal Word: Warning

Hazard Pictogram: None

Hazard Statement(s): Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.

Precautionary Statement(s):

Prevention: Wash hands thoroughly after handling. Wear eye protection/face protection. Do not eat, drink or smoke when using this product.

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. Call a POISON CENTRE or doctor if you feel unwell.

Storage: See Section 7 for Handling and Storage information.

Disposal: See Section 13 for Waste Disposal information.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration %	Other Identifiers
Diphosphonic acid, (1-hydroxyethylidene)-, tetrapotassium salt	14860-53-8	7 - 13	
1-Octanesulfonic acid, potassium salt	5324-84-5	1 - 5	
Hydrogen peroxide 50%	7722-84-1	1 - 5	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Not a normal route of exposure.

Skin Contact

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

Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue washing. If eye irritation persists, get medical advice/attention.

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 Centre or doctor.

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

None known.

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 surface water ways.

Methods and Materials for Containment and Cleaning Up

Diluted product can be flushed to sanitary sewer. 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 is usually adequate.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

No special requirements under normal use conditions.

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	Odourless
Odour Threshold	Not available
pH	9.0 - 9.7
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 93.4 °C (200.1 °F)
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)

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Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.15 - 1.16 at 20 °C
Solubility	Soluble in water
Auto-ignition Temperature	Not available
Other Information	
Physical State	Liquid
% Volatile	0.00%*

*-Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Productions, Sections 94508

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive.

Chemical Stability

This product is stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Do not mix with chlorinated products.

Incompatible Materials

Oxidizers, acids, reducing agents.

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

LD50 (Oral): 1527 mg/kg

LD50 (Dermal): > 2000 mg/kg

Skin Corrosion/Irritation

Causes mild skin irritation.

Serious Eye Damage/Irritation

Causes mild eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Not classified under GHS criteria.

Skin Absorption

Not classified under GHS criteria.

Ingestion

Harmful if swallowed. May cause stomach distress, nausea or vomiting.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

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.

Effects on or via Lactation

Not classified under GHS criteria.

Germ Cell Mutagenicity

Not classified under GHS criteria.

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Interactive Effects

None known.

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by OSHA.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Diluted product can be flushed to sanitary sewer. Dispose of contents/container according to local or regional regulations.

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.

SECTION 16. OTHER INFORMATION

HMIS Rating Health - 1 Flammability - 0 Physical hazard - 0

SDS Prepared By Virox Technologies Inc.

Phone No. (800) 387-7578

Date of Preparation 07/21/16

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