

Optim Blue

Conforms to Regulation (EC) No. 2015/830 (REACH), Annex II (453/2010) - Europe

SECTION 1. IDENTIFICATION

Product Identifier Optim Blue
Recommended Use Cleaner and Disinfectant for hard surfaces and non-invasive medical devices

EUROPE:

Supplier SciCan GmbH, Wangener Strasse 78, 88299 Leutkirch, Deutschland
Emergency Phone No. Emergency Phone: +49 (0) 7561 98343 - 0

AUSTRALIA:

Supplier Henry Schein Halas, 44 - O'Dea Ave, Waterloo NSW 2017 Australia
Emergency Phone No. 13 11 26 (24 hours)
SDS No. 050604

SECTION 2. HAZARDS IDENTIFICATION

CLP/GHS Classification Not classified according to (EC) No. 2015/830.
DPD Classification This product is not classified as hazardous according to directive 1999/45/EC and its amendments.
GHS Classification Not classified under any GHS hazard classes.
GHS Label Elements Not applicable
Signal word None
Hazard Statement(s) None
Precautionary Statement(s) KEEP OUT OF REACH OF CHILDREN.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Hydrogen peroxide	7722-84-1	0.5	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

No specific first aid measures are required.

Skin Contact

No specific first aid measures are required.

Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue washing.

Obtain medical attention if irritation develops or persists.

Ingestion

No specific first aid measures are required.

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

Fire fighters should wear a self-contained breathing apparatus.

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

Refer to Section 13 of this SDS.

Methods and Materials for Containment and Cleaning Up

Before attempting clean-up, refer to hazard data. Large spills or leaks: (Larger than 5 gallons) contain and soak up spill with absorbent that does not react with spilled product. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Use good industrial hygiene practices in handling this material. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Conditions for Safe Storage

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 Guideline

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

Appropriate Engineering Controls

No specific ventilation requirements.

Individual Protection Measures

Eye/Face Protection

No special requirements under normal use conditions.

Skin Protection

No special requirements under normal use conditions.

Respiratory Protection

No special requirements under normal use conditions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless.
Odour Threshold	Not available
pH	1.6 - 2.1
Melting Point/Freezing Point	Not available
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
Relative Density (water = 1)	1.001 - 1.010
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available

Other Information

Physical State Liquid

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Odour Odourless

% Volatile 0.0%*

*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.

Incompatible Materials

Do not mix with concentrated bleach products.

Hazardous Decomposition Products

None reasonably foreseeable.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Eye contact; skin contact; ingestion; inhalation.

Skin Corrosion/Irritation

Essentially non-irritating based on OECD guidelines.

Serious Eye Damage/Irritation

Essentially non-irritating based on OECD guidelines.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Non-Hazardous by GHS criteria. (LC50 estimated to be > 5 mg/L)

Skin Absorption

Non-Hazardous by GHS criteria. (Dermal LD50 estimated to be > 5000 mg/Kg)

Ingestion

This product does not pose a significant health risk if ingested. (Oral LD50 > 5000 mg /kg). 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

Non-hazardous by GHS criteria.

Respiratory and/or Skin Sensitization

Non-hazardous by GHS criteria.

Carcinogenicity

Non-hazardous by GHS criteria.

Reproductive Toxicity

Development of Offspring

Non-hazardous by GHS criteria.

Sexual Function and Fertility

Non-hazardous by GHS criteria.

Germ Cell Mutagenicity

Non-hazardous by GHS criteria.

Interactive Effects

None known.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity IC50 Luminescent Bacteria (for mixture) > 100 mg/L based on the standard use of the product.

Biodegradability All the ingredients in this formula are readily biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

For information on disposal of unused, unwanted product, and clean-up of spills, contact the manufacturer or the appropriate Country/Member State or product stewardship organization. Rinse the container with water. Dispose of container in accordance with Country/Member State regulations. Do not re-use containers.

SECTION 14. TRANSPORT INFORMATION

ADR, RID, ADN, IMO/IMDG, Canadian TDG:

Not regulated under any of the above regulations.

Special Precautions for User Not applicable

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.

USA

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

All ingredients are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.

Europe

Ingredients according to EC Detergents Regulations 648/2004.

Oxygen based Less than 5%

Bleaching agents Less than 5%

and Anionic Surfactants

Australia

Australian Registered Therapeutic Goods (ARTG) ID 232868

Disinfectant, Medical Device, Hydrogen Peroxide

A poison schedule has not been allocated for this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Classification in Australia: This product is non-hazardous and non-dangerous.

Australian Industrial Chemical (Notification and Assessment) Act:

On the inventory or in compliance with the inventory.

SECTION 16. OTHER INFORMATION

HMIS Rating	Health - 0	Flammability - 0	Physical Hazard - 0
SDS Prepared By	Virox Technologies Inc.		
Phone No.	(800) 387-7578		
Date of Preparation	November 05, 2015		
Date of Last Revision	September 30, 2019		
Disclaimer	For an updated SDS please contact the supplier/manufacturer listed on the first page of this document. Information contained herein with was obtained from sources considered technically accurate and reliable. While every efforts have 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 the 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 the GHS (Globally Harmonized System of Classification and Labelling of Chemicals).		

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