

**Optim Blue**

Conforms to Regulation (EC) No 1907/2006 (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. 1272/2008.  
**DPD Classification** This product is not classified as dangerous 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.

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## 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

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## Other Information

Physical State	Liquid
% Volatile	0.0%*
Odour	Odourless

\*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.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of in accordance with federal, provincial/state and local government requirements. Prior to disposal consider pH.

## SECTION 14. TRANSPORT INFORMATION

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

Not regulated under any of 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

<b>HMIS Rating</b>	<b>Health - 0</b>	<b>Flammability - 0</b>	<b>Physical Hazard - 0</b>
<b>SDS Prepared By</b>	Virox Technologies Inc.		
<b>Phone No.</b>	(800) 387-7578		
<b>Date of Preparation</b>	November 05, 2015		
<b>Disclaimer</b>	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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