

# OPTIM BLUE

Conforms to Regulation (EC) No 1907/2006 (REACH), Annex II (453/2010) - Europe

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Optim Blue  
**MSDS No.** 050604  
**Supplier** SciCan GmbH, Wangener Strasse 78, 88299 Leutkirch, Deutschland  
**Emergency Contact Information** Emergency Phone: +49 (0) 7561 98343 - 0  
**Use** Hard Surface Cleaner and Disinfectant

## 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 Label Elements**  
**Hazard Statement** None  
**Hazard Pictogram** None  
**Signal word** None  
**Precautionary Statement** KEEP OUT OF REACH OF CHILDREN.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

## 4. FIRST AID MEASURES

### First Aid Procedures

**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.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties** Not flammable by GHS criteria.  
**Suitable Extinguishing Media** Treat for surrounding material.  
**Specific Hazards Arising from the Chemical** None known.  
**Protective Equipment and Precautions for Firefighters** Fire fighters should wear a self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use the Personal Protective Equipment recommended in Section 8 of this MSDS.
<b>Environmental Precautions</b>	Refer to Section 13 of this MSDS.
<b>Methods for Containment and Clean-up</b>	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.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Use good industrial hygiene practices in handling this material (See Section 8). FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	Store in an area that is out of direct sunlight. Avoid storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

## 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			

<b>Engineering Controls</b>	No specific ventilation requirements.
<b>Personal Protective Equipment (PPE)</b>	
<b>Eye/Face Protection</b>	No special requirements under normal use conditions.
<b>Skin Protection</b>	No special requirements under normal use conditions.
<b>Respiratory Protection</b>	No special requirements under normal use conditions.
<b>General Hygiene</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Considerations</b>	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear colourless.
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not available
<b>Boiling Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Relative Density (water = 1)</b>	1.001 - 1.010
<b>Solubility in Water</b>	Soluble.
<b>pH</b>	1.6 - 2.1
<b>Partition Coefficient, n-Octanol/Water</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	Not available
<b>Lower Flammable/Explosive Limit</b>	Not available
<b>Upper Flammable/Explosive Limit</b>	Not available

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**Auto-ignition Temperature**

Not available

**% VOC:**

0.00%\*

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

## 10. STABILITY AND REACTIVITY

**Chemical Stability**

This product is stable.

**Incompatible**

Do not mix with concentrated bleach products.

**Materials**

**Hazardous**

Not reasonably foreseeable.

**Decomposition**

**Products**

## 11. TOXICOLOGICAL INFORMATION

**Skin Irritation / Corrosion**

Essentially non-irritating based on OECD guidelines.

**Eye Irritation / Corrosion**

Essentially non-irritating based on OECD guidelines.

**Effects of Short-Term (Acute) 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.

**Effects of Long-Term (Chronic) Exposure**

**Respiratory and/or Skin Sensitization**

Non-Hazardous by GHS criteria.

**Carcinogenicity**

Non-Hazardous by GHS criteria.

**Teratogenicity / Embryotoxicity**

Non-Hazardous by GHS criteria.

**Reproductive Toxicity**

Non-Hazardous by GHS criteria.

**Mutagenicity**

Non-Hazardous by GHS criteria.

**Toxicologically Synergistic Materials**

None known

## 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.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial/state and local government requirements.

Prior to disposal consider pH.

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## 14. TRANSPORT INFORMATION

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

Not regulated under any of above regulations.

### Other Transport Information

**Special Shipping Information** Not applicable

## 15. REGULATORY INFORMATION

### Canada

All ingredients listed on Canadian DSL

### 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

**Anionic Surfactants** Less than 5%

## 16. OTHER INFORMATION

**HMIS Rating** Health - 0 Flammability - 0 Physical Hazard - 0

**MSDS Prepared By** Virox Technologies Inc.

**Phone No.** (800) 387-7578

**Date of Preparation** February 19, 2014

**Additional Information** For an updated MSDS 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.

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