

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

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

7. HANDLING AND STORAGE

Handling	Use good industrial hygiene practices in handling this material (See Section 8). FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	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			

Engineering Controls	No specific ventilation requirements.
Personal Protective Equipment (PPE)	
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.
General Hygiene	Handle in accordance with good industrial hygiene and safety practice.
Considerations	

9. PHYSICAL AND CHEMICAL PROPERTIES

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