

SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE

COMPANY/UNDERTAKING Product identifier Product Name **OXI-CLEAN** On The Go Stain Eliminator

Other means of identification Synonyms None Recommended use of the chemical and restrictions on use

Recommended Use Spot Remover - NonAerosol Uses advised against No information available

Details of the supplier of the safety data sheet Supplier Name CR Brands Supplier Address 8790 Beckett Rd.

West Chester

Ohio

45069

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2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

GHS Label elements, including precautionary statements

Emergency Overview

Signal word Warning

Hazard Statements

Causes skin irritation

Causes serious eye irritation



Appearance Clear **Physical state** Liquid **Odor** Faint ethereal

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection
 Wear eye/face protection

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

Eyes

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

Skin

IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/attention
 Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

Other information

May be harmful in contact with skin
 Harmful to aquatic life

Interactions with Other Chemicals

No information available.

COMPOSITION/INFORMATION ON INGREDIENTS .

Chemical name	CAS No	Weight-%	trade Secret
2-Propanol, 1-(2-butoxy-1-methylethoxy)-	29911-28-2	1 - 5	*
Hydrogen peroxide	7722-84-1	1 - 5	*
Lauryldimethylamine oxide	1643-20-5	0.1 - 1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

<u>General Advice</u>	Show this safety data sheet to the doctor in attendance.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Inhalation	Remove to fresh air.
Ingestion	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	Burning sensation.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. **Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient. **Specific hazards arising from the chemical**

No information available. **Uniform Fire Code** Irritant: Liquid **Explosion Data** Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None. **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. **Other Information** Refer to protective measures listed in Sections 7 and 8. **Environmental precautions**

Environmental precautions Prevent further leakage or spillage if safe to do so. **Methods and material for containment and cleaning up**

Methods for containment Prevent further leakage or spillage if safe to do so. **Methods for cleaning up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. **Conditions for safe storage, including any incompatibilities**

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. **Incompatible Products** Strong acids. Strong oxidizing agents. Strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here

Chemical name	ACGIH TLV OSHA PEL NIOSH IDLH		
Hydrogen peroxide 7722-84-1	TWA: 1 ppm TWA: 1 ppm TWA: 1.4 mg/m ³ (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m ³ IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m ³		

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state

Liquid

Appearance Clear

Odor Faint ethereal

Color No information available

Odor Threshold No information available

<u>Property Values</u>	<u>Remarks</u>	<u>Method</u>
pH 7	None known	
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity 1		None known
Water Solubility	Completely soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity 3		None known
Explosive properties	No data available	
Oxidizing properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

10. STABILITY AND REACTIVITY Reactivity

No data available. **Chemical stability**
 Stable under recommended storage conditions. **Possibility of Hazardous Reactions**
 None under normal processing. **Conditions to avoid**
 None known based on information supplied. **Incompatible materials**
 Strong acids. Strong oxidizing agents. Strong bases. **Hazardous Decomposition Products**
 None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Prolonged contact may cause redness and irritation.

Ingestion

Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical name	Oral LD50 Dermal LD50 Inhalation LC50		
2-Propanol, 1-(2-butoxy-1-methylethoxy)- 29911-28-2	= 1620 µL/kg (Rat) = 5860 µL/kg (Rabbit) = 42.1 ppm (Rat) 4 h		
Hydrogen peroxide 7722-84-1	= 1518 mg/kg (Rat) = 2000 mg/kg (Rabbit) = 4060 mg/kg (Rat) = 2 g/m ³ (Rat) 4 h		

Information on toxicological effects

Symptoms

Erythema (skin redness). May cause redness and tearing of the eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization

No information available.

Mutagenic Effects

No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH IARC NTP OSHA			
Hydrogen peroxide 7722-84-1	A3 Group 3			

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Chronic Toxicity

No known effect based on information supplied.

Target Organ Effects

Respiratory system. Eyes. Skin. Liver. Blood. Lungs.

Aspiration Hazard

No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)
 49,617.00 mg/kg
ATEmix (inhalation-dust/mist)
 200.00 mg/l
ATEmix (inhalation-vapor)
 1,100.00 ATEmix

12. ECOLOGICAL INFORMATION Ecotoxicity Harmful to aquatic life. **Chemical name** Toxicity to Algae Toxicity to Fish Toxicity to Microorganisms **Daphnia Magna (Water Flea)** 2-Propanol, 1-(2-butoxy-1-methylethoxy)-

29911-28-2 96h LC50: = 841 mg/L (Poecilia reticulata) Hydrogen peroxide
 7722-84-1 72h EC50: = 2.5 mg/L (Chlorella vulgaris) 96h LC50: 10.0 - 32.0 mg/L (Oncorhynchus mykiss) 96h LC50: 18 - 56 mg/L (Lepomis macrochirus) 96h LC50: = 16.4 mg/L (Pimephales promelas) 48h EC50: 18 - 32 mg/L 24h EC50: = 7.7 mg/L **Persistence and Degradability**

No information available. **Bioaccumulation**
 No information available **Other adverse effects**
 No information available.

13. DISPOSAL CONSIDERATIONS Waste treatment methods

Disposal methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Dispose of contents/containers in accordance with local regulations. This product contains one or more substances that are listed with the State of California as a hazardous waste. **Chemical name California Hazardous Waste**

Hydrogen peroxide
 7722-84-1 Toxic
 Corrosive
 Ignitable

Reactive

14. TRANSPORT INFORMATION

DOT
 Proper Shipping Name NOT REGULATED
 Hazard Class NON REGULATED
 N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA
 Proper Shipping Name Not regulated
 Hazard Class NON REGULATED
 N/A

IMDG/IMO
 Hazard Class Not regulated
 N/A

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Not determined
 DSL Not determined

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities CWA - Toxic Pollutants CWA - Priority Pollutants CWA - Hazardous Substances			
Hydrogen peroxide 7722-84-1	X X X X			

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs Extremely Hazardous Substances RQs RQ		
Hydrogen peroxide 7722-84-1	1000 lb		

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey Massachusetts				

	Pennsylvania Rhode Island Illinois				
Hydrogen peroxide 7722-84-1	X X X X				

International Regulations

Mexico

National occupational exposure limits

Chemical name	Carcinogen Status Exposure Limits
Hydrogen peroxide	A3 Mexico: TWA 1 ppm Mexico: TWA 1.5 mg/m ³ Mexico: STEL 2 ppm Mexico: STEL 3 mg/m ³

A3 - Confirmed Animal Carcinogen
Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

NFPA **Health Hazards 2**
 Flammability 0
 Instability 0
 Physical and
 Chemical Hazards -
HMIS **Health Hazards 2**
 Flammability 0
 Physical Hazard 0
 Personal Protection
 X

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet