



Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/ Trade Name: OxiClean Active Stain Remover
HMIS codes: H 1, F 0, R 1, P ND

Supplier: Orange Glo International
PO Box 3998
Littleton, CO 80110 USA

MSDS preparation date: 5/15/03
By: Fred Holzhauser

MSDS Revision date:

MSDS Reviewed:

Emergency Phone: 303-740-1909
Poison Control (US): 1-800-222-1222
Transportation emergencies: ChemTrec 800-424-9300

Information Phone: 303-740-1909

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

General Description: Multiple Purpose Stain Remover

Hazardous Ingredients:

Ingredients not precisely identified are proprietary or nonhazardous

CAS #	Chemical name	%'age range
7722-84-1	Hydrogen Peroxide	2 to 4
34590-94-8	Dipropylene Glycol Monomethyl Ether	1 to 2

Section 3: HAZARDS IDENTIFICATION

This product is a consumer product. To the extent the product is used in a fashion typical to that of a consumer, protective measures, with the exception of those indicated on the label, are not normally necessary. Where use conditions and/or extent and duration of exposure differ from typical consumer use, however, appropriate protective measures to prevent eye and prolonged skin contact (glasses, goggles, rubber gloves, protective clothing) and minimize inhalation exposure (engineering controls, NIOSH-approved respiratory protection appropriate for the hazard presented) are recommended.

General:

Emergency:

Primary Route(s) of Entry:

Eyes, Ingestion

Effects of Overexposure-

Not expected with normal use conditions.

Inhalation:

Effects of Overexposure-

Irritation to blistering of mucosal membranes. Pain, vomiting, diarrhea, CNS depression.

Ingestion:

Effects of Overexposure-Eyes:

Irritation, pain on brief exposure, corneal damage on extended exposure.

Effects of Overexposure-Skin:

No adverse effects expected on intact skin. Contact on a burn or other wound likely to cause stinging pain or irritation. Extended exposure may discolor skin, temporarily.



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Effects of Overexposure-Chronic Not expected.
Hazards:

Section 4:	FIRST AID MEASURES
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- Skin: Not expected to require first aid measures. Wash exposed area promptly with soap and water, consult physician if irritation develops.
- Eyes: Immediately flush eyes with cool running water for at least 15 minutes, being sure to get under the eyelid. Get medical attention at once.
- Ingestion: Do not induce vomiting. Have only conscious individuals drink several glasses of water to dilute. Get medical attention.
- Inhalation: Not expected to require first aid measures. If individual has discomfort, remove to fresh air environment.

Section 5:	FIRE FIGHTING MEASURES
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Flashpoint and method used:	N/A	Flammable limit: (LEL)	N/A	Flammable limit: (UEL)	N/A
Auto-ignition temperature:	N/A				
Extinguishing media:	Use any means suitable for surrounding fire.				
Special fire-fighting protective equipment:	Always fight chemical fires with self contained breathing apparatus.				
Unusual fire and explosion hazards:	Not expected.				
Explosion data:	No explosion hazard expected.				

Section 6:	ACCIDENTAL RELEASE MEASURES
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Personal protective equipment:	Not expected.
Material release or spill:	Small amounts may be rinsed to drain. Large spills should be ventilated, then absorbed on commercial material such as vermiculite. Do not use combustible absorbent, such as saw dust.
Other:	

Section 7:	HANDLING AND STORAGE
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Storage:	Store in cool, ventilated area, away from light exposure.
Precautions during handling and storage:	Keep from eyes.

Section 8:	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Exposure limits: Hydrogen Peroxide, OSHA TWA, ACGIH TLV = 1 ppm
Engineering controls: N/A
Eye protection: Splash proof safety glasses.
Protective clothing: Impermeable gloves for more than incidental product use.
Respiratory protection: N/A
Other PPE: N/A

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Crystal clear, somewhat viscous liquid
Odor: None
Physical state: Liquid

Boiling point:	~ 215 deg F	Vapor density:	ND
Vapor Pressure:	ND	Evaporation rate:	ND
Solubility in water:	complete	Viscosity:	50 - 100 cps
pH:	9.2 - 9.3	Specific Gravity:	1.015 - 1.019
Melting point:	N/A	Cloud point:	ND
% volatile by volume:	86 %	Freezing point:	~ 30 deg F
Partition coefficient:	N/A		
Coefficient of water/oil distribution:	N/A		

Section 10: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of storage and use.
Incompatibility: Do not contaminate product. Metals and their salts, and alkali materials are especially bad.
Conditions to avoid: High temperatures, contaminants.
Hazardous decomposition: Oxygen evolves from contaminated material. Can accordingly build significant pressure in containers, with possible rupture. Oxygen evolved can support nearby combustion.
Hazardous polymerization: None.

Section 11: TOXICOLOGICAL PROPERTIES

Acute oral toxicity: ND
Carcinogenicity: Hydrogen Peroxide IARC category 3
Reproductive toxicity/
Teratogenicity: No components listed.
Mutagenicity: ND
Toxicologically synergistic products: None known.

Section 12: ECOLOGICAL INFORMATION

Persistence and degradation: Not Established. All components are Readily Biodegradeable.
Toxicity: ND
Other: --



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Section 13:	DISPOSAL CONSIDERATIONS
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Disposal method: Rinse small amounts to drain (sewer).
Container disposal: Rinse thoroughly, recycle if possible, otherwise landfill.

Section 14:	TRANSPORT INFORMATION
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DOT proper shipping name:	Not regulated	DOT technical name:	N/A
DOT Hazard class:	N/A	Hazard subclass:	N/A
UN Number, proper shipping name:	N/A	Packing group:	N/A
Other Transport information:	Not hazardous for transport		

Section 15:	REGULATORY INFORMATION
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TSCA:	All components listed.
DSL:	All components listed.
OSHA Haz Com 29 CFR 1910.1200:	MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200)
WHMIS Classification:	D2B - eye irritant
CERCLA and SARA:	No listed components.

Section 16:	OTHER INFORMATION
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% Volatile Organic Compounds (VOCs)	1.1%
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Legend:	N.D. Not Determined	N.E. Not Established	N.A. Not Applicable
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The information provided has been adapted from the manufacturer supplied MSDS. The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from use of MSDS information.



MSDS Addendum

Always follow label instructions and warnings. Typical use of product is a guideline only.

Typical Use of Product:	Stain treatment, laundry and / or carpet, other household applications.
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