



Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/ Trade Name: OxiClean Laundry Detergent-2002

HMIS codes: H ND, F 0, R ND, P ND

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

MSDS preparation date: 14 June 2002
By: L. Brown
MSDS Revision date: 14 June 2002
MSDS Reviewed: 14 June 2002

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: Powdered Laundry detergent

Hazardous Ingredients:

Ingredients not precisely identified are proprietary or nonhazardous

CAS #	Chemical name	%age range
497-19-8	Sodium carbonate	<80%
68002-97-1 or 68131-39-5	Ethoxylated alcohols, C10-16 Ethoxylated alcohols, C12-15	<25%
1344-09-8	Sodium silicate	<15%
7632-04-4	Sodium perborate	<10%
9014-01-1	Subtilisin	<1%

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: Eye or respiratory irritation
Emergency: Contact medical professional
Primary Route(s) of Entry: Skin contact, eye contact, inhalation, ingestion
Effects of Overexposure-
Inhalation: Respiratory irritation
Effects of Overexposure-
Ingestion: May cause burning in mouth, throat and stomach; nausea, vomiting and diarrhea. The esophageal lining may be damaged due to the potential of the product to be corrosive
Effects of Overexposure-Eyes: Moderate to severe eye irritation
Effects of Overexposure-Skin: Prolonged or repeated skin contact may cause irritation



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Effects of Overexposure-Chronic Hazards: Pre-existing skin, eye and respiratory disorders may be aggravated

Section 4: FIRST AID MEASURES

- Skin: Remove contaminated clothing and rinse skin with water for 15 minutes. If irritation develops, get medical advice. Launder contaminated clothing before reuse.
- Eyes: Remove contact lenses. Rinse a gentle stream of lukewarm water for 15 minutes, holding eyelids open. Get immediate medical advice.
- Ingestion: If victim is a child, give 4-8 ounces of water. For adults, give 8-12 ounces of water. Do not induce vomiting. Get immediate medical advice.
- Inhalation: Remove to fresh air. If irritation or breathing difficulty develops, get medical advice.

Section 5: FIRE FIGHTING MEASURES

Flashpoint and method used: Not flammable or combustible Flammable limit: (LEL) N.A. Flammable limit: (UEL) N.A.

Auto-ignition temperature: Does not self ignite

Extinguishing media: Treat for surrounding area

Special fire-fighting protective equipment: Standard equipment.

Unusual fire and explosion hazards: None known

Explosion data: None

Section 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment: Respirator, gloves, goggles and/or face shield as needed

Material release or spill: Contain/dike spill to prevent environmental release

Other: None

Section 7: HANDLING AND STORAGE

Storage: Keep out of reach of children. Store in a cool, dry place.

Precautions during handling and storage: Keep out of reach of children.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: N.D.



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Engineering controls: Minimize inhalation exposure
Eye protection: Glasses/goggles
Protective clothing: Rubber gloves
Respiratory protection: NIOSH approved respiratory protection
Other PPE: As required by employer code

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder
Odor: None
Physical state: Powder

Boiling point:	N.A.	Vapor density:	N.A.
Vapor Pressure:	N.A.	Evaporation rate:	N.A.
Solubility in water:	Complete	Viscosity:	N.A.
pH:	10-11.5(1% solution)	Specific Gravity:	N.A.
Melting point:	N.A.	Cloud point:	N.A.
% volatile by volume:	N.A.	Freezing point:	N.A.
Partition coefficient:	N.A.		
Coefficient of water/oil distribution:	N.A.		

Section 10: STABILITY AND REACTIVITY

Stability: Stable
Incompatibility: None
Conditions to avoid: Keep cool and dry
Hazardous decomposition: None
Hazardous polymerization: Will not occur

Section 11: TOXICOLOGICAL PROPERTIES

Acute oral toxicity: N.D.
Carcinogenicity: N.D.
Reproductive toxicity/
Teratogenicity: N.D.
Mutagenicity: N.D.
Toxicologically synergistic products: N.D.

Section 12: ECOLOGICAL INFORMATION

Persistence and degradation: N.D.
Toxicity: N.D.
Other: N.D.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method: Follow local, state and federal regulations
Container disposal: Follow local, state and federal regulations



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Section 14:	TRANSPORT INFORMATION
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DOT proper shipping name:	Not hazardous	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 are listed
DSL:	N.D.
OSHA Haz Com 29 CFR 1910.1200:	MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200)
WHMIS Classification:	N.D.
CERCLA and SARA:	Contains no listed components

Section 16:	OTHER INFORMATION
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% Volatile Organic Compounds (VOCs)	0%
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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:	Powdered laundry detergent. Add to washer as per label instructions.
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