ORANGE GLO INTERNATIONAL

Material Safety Data Sheet 9007

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/ Trade Name: OxiClean MultiPurpose

HMIS codes

H	F	R	P
1	0	0	ND

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

Manufacturer: Orange Glo International

Emergency Phone: 303-740-1909
ChemTrec 800-424-9300

MSDS preparation date: September 27, 2001
By: L. Brown

Information Phone: 303-740-1909

MSDS Revision date: September 27, 2001
MSDS Reviewed: September 27, 2001

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

General Description: General Description: White granular mixture; forms oxygen, hydrogen peroxide and soda ash when mixed with water.

Hazardous Ingredients:

Ingredients not precisely identified are proprietary or nonhazardous

CAS #	Chemical name	%'age range
15630-89-4	Sodium percarbonate	50-70%
497-19-8	Sodium carbonate (soda ash)	30-50%
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Section 3: HAZARDS IDENTIFICATION

General:	Harmful if swallowed, irritataing to eyes. Contamination may cause decomposition. Not flammable, but damp material decomposes exothermically.
Emergency:	Seek medical attention for eye exposure and ingestion
Primary Route(s) of Entry:	Eye, skin contact, inhalation, ingestion
Effects of Overexposure-Inhalation:	Dust inhalation may cause irritation of respiratory tract; may cause dizziness, drowsiness, headache, nausea and vomiting.
Effects of Overexposure-Ingestion:	Harmful if swallowed
Effects of Overexposure-Eyes:	Extremely irritating to the eyes and may cause severe damage
Effects of Overexposure-Skin:	Slightly irritating to the skin; solvent action can dry the skin.
Effects of Overexposure-Chronic Hazards:	Not listed as a carcinogen by ACGIH, IARC, NTP, OSHANo toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR372 are present.

Section 4: FIRST AID MEASURES

- Skin: Wash with water and soap and rinse thoroughly. If skin irritation contiues, consult a doctor.

- Eyes: Flush eyes immediately with water for 15 minutes. Consult doctor.
- Ingestion: Do not induce vomiting. Rinse mouth with water and consult a doctor.
- Inhalation: Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Seek medical attention if symptoms exist.

Section 5: FIRE FIGHTING MEASURES

Flashpoint and method used:	NA	Flammable limit: (LEL)	NA	Flammable limit: (UEL)	NA

Auto-ignition temperature:	NA - product is not self igniting
Extinguishing media:	CO2, extinguishing powder or water spray/fog.
Special fire-fighting protective equipment:	Breathing apparatus
Unusual fire and explosion hazards:	Material decomposes exothermically when damp. Rapid oxygen evolution may increase intensity of a fire. Keep separate from oxidizers, flammables and reducing agents.
Explosion data:	ND

Section 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment:	Large spills: self contained breathing apparatus. Small spills from consumer size packaging: avoid breathing dust.
Material release or spill:	Ventilate area. remove all sources of ignition. Clean up area with absorbant material and place in waste containers for disposal. Flush area well with water.
Other:	Dispose of in accordance with local, state and federal regulations. Material collected with absorbant may be disposed in a permitted landfill in accordance with state, local and federal regulations. Empty container may retain product residue.

Section 7: HANDLING AND STORAGE

Storage:	Store and use in a cool, dry, well ventilated area. Do not store above 120 deg. F (48 deg C.).
Precautions during handling and storage:	Do not spray in eyes. Do not take internally. See product label for additional information

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:	ND
Engineering controls:	General protective and hygienic measures. Keep away from foodstuffs, beverages and food. Keep cool and dry.
Eye protection:	None under normal use. Use of safety glasses with splash guards or full face shield is recommended for industrial applications
Protective clothing:	Solvent resistant gloves for prolonged or repeated contact.

Respiratory protection:	None required if room is well ventilated. If vapors are present, use NIOSH or MSDA approved respiratory equipment.
Other PPE:	None

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White
Odor:	None
Physical state:	Powder

Boiling point:	NA - powder		
Vapor Pressure:	NA - powder	Vapor density:	NA - powder
Solubility in water:	140 g/L@75 deg F.	Evaporation rate:	NA
pH:	~11 in water	Viscosity:	NA
Melting point:	NA- can decompose above 55 deg. C.	Specific Gravity:	NA
% volatile by volume:	NA	Cloud point:	NA
Partition coefficient:	NA	Freezing point:	NA
Coefficient of water/oil distribution:	NA		
	Bulk density = 1.0-1.2g/cc		

Section 10: STABILITY AND REACTIVITY

Stability:	No decomposition if used according to specifications
Incompatibility:	Oxidizers, Reducing agents, flammable substances
Conditions to avoid:	Temperatures above 55 deg C (130 deg F). High humidity levels
Hazardous decomposition:	No hazardous decomposition products are known
Hazardous polymerization:	No hazardous polymerization products are known

Section 11: TOXICOLOGICAL PROPERTIES

Acute oral toxicity	ND
Carcinogenicity:	Not listed as a carcinogen by ACGIH, IARC, NTP, OSHA
Reproductive toxicity/ Teratogenicity:	No toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR372 are present.
Mutagenicity:	No information
Toxicologically synergistic products:	None known.

Section 12: ECOLOGICAL INFORMATION

Persistence and degradation:	Degradation by products are H2O2, O2 and sodium carbonate (soda ash)
Toxicity:	ND
Other:	ND

Section 13: DISPOSAL CONSIDERATIONS

Disposal method:	Do not dispose of powder with household waste. Complete dissolution in water prior to reaching sewage system, flush well with water.
Container disposal:	Rinse with water. Dispose in household waste as per local regulations. Some containers are of recyclable plastic. Contact local recycling programs for information.

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Section 14:	TRANSPORT INFORMATION

DOT proper shipping name:	NA - blend is nonhazardous	DOT technical name:	NA
DOT Hazard class:	NA	Hazard subclass:	NA
UN Number, proper shipping name:	NA	Packing group:	NA

Section 15:	REGULATORY INFORMATION

TSCA:	All components are listed on the TSCA inventory
DSL:	All components are listed on DSL
OSHA Haz Com 29 CFR 1910.1200:	MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200)
WHMIS Classification:	Sodium percarbonate Class C, D2B
CERCLA and SARA:	Sodium percarbonate SARA section 311/312- reaction hazard, SARA 313- Not Applicable

Section 16:	OTHER INFORMATION

% Volatile Organic Compounds (VOCs)	0%

Legend:	N.D. Not Determined	N.E. Not Established	N.A. Not Applicable

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.

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MSDS Addendum

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

Typical Use of Product:	A chlorine free mixture used in solution with water as a stain remover and general cleaner for carpets and hard surfaces, and as a laundry additive. Common dilutions are 1:1 up to 1:120 in water (see package label for applications). Mixing of solution should not be done in a closed container due to outgassing of Oxygen which may cause container to burst. Keep away from face when opening mixing containers. Do not mix with bleach or ammonia. As with all cleaners, test solution on an inconspicuous place prior to complete surface cleaning. Rinse surface well after treatment.