

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code	OC-MFP
Product name	OxiClean Miracle Foam Power Cleaner
Manufacturer, importer, supplier	Orange Glo International PO Box 3998 Littleton, CO, USA, 80110
EMERGENCY TELEPHONE NUMBER	CHEMTREC: +1-703-527-3887 +1-800-424-9300 Poison Control (USA) 1-800-222-1222 Information 303-740-1909

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% Weight	ACGIH TWA	OSHA*
77-92-9	Citric acid	25.0 - 35.0	Dust 15mg/m3	Dust 15mg/m3
15630-89-4	Sodium percarbonate	12.0 - 18.0	Dust 15 mg/m3	Dust 15 mg/m3

* OSHA - PELs

3. HAZARDS IDENTIFICATION

Emergency Overview:	
<ul style="list-style-type: none"> May cause skin irritation Product dust may be irritating to eyes, skin and respiratory system 	

Eye contact	<ul style="list-style-type: none"> May cause irritation to the eyes, including pain, redness, reversible damage.
Skin contact	<ul style="list-style-type: none"> May cause mild skin irritation with discomfort, redness or rash.
Inhalation:	<ul style="list-style-type: none"> Inhalation may cause irritation to the respiratory tract.
Ingestion:	<ul style="list-style-type: none"> Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea
General advice	<ul style="list-style-type: none"> Do not breath dust, do not get in eyes or on skin, do not swallow. Users with skin conditions (eczema, psoriasis, etc.) respiratory conditions (asthma, bronchitis, emphysema, etc.) or with chemical sensitivities should take protective precautions.
Properties affecting health	None known
Principle Routes of Exposure	Skin, Eye, Ingestion, Inhalation

4. FIRST AID MEASURES

General advice	<ul style="list-style-type: none"> Show this safety data sheet to the doctor in attendance Do not breath dust, do not get in eyes or on skin, do not swallow.
Skin contact	<ul style="list-style-type: none"> Wash off with soap and large amounts of water Consult a physician if necessary
Eye contact	<ul style="list-style-type: none"> In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Keep eye wide open while rinsing Consult a physician
Inhalation:	<ul style="list-style-type: none"> Move to fresh air If breathing is difficult, give oxygen If not breathing, give artificial respiration Consult a physician
Ingestion:	<ul style="list-style-type: none"> Clean mouth with water and afterwards drink plenty of water Never give anything by mouth to an unconscious person Consult a physician
Notes to physician	<ul style="list-style-type: none"> Treat symptomatically
Protection of first-aiders	<ul style="list-style-type: none"> None known
Aggravated Medical Conditions	<ul style="list-style-type: none"> Users with skin conditions (eczema, psoriasis, etc.) respiratory conditions (asthma, bronchitis, emphysema, etc.) or with chemical sensitivities should take protective precautions.

5. FIRE-FIGHTING MEASURES

Flash point	NA
Suitable extinguishing media	<ul style="list-style-type: none"> ● carbon dioxide (CO₂) ● water spray ● dry chemical
Extinguishing media which must not be used for safety reasons	<ul style="list-style-type: none"> ● Not applicable
Specific hazards	<ul style="list-style-type: none"> ● In the event of fire and/or explosion do not breathe fumes ● Product contains an oxidizer. Oxygen release during fire may support combustion.
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	<ul style="list-style-type: none"> ● Oxides of Carbon, Oxygen
Special protective equipment for firefighters	<ul style="list-style-type: none"> ● As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Specific methods	<ul style="list-style-type: none"> ● Cool containers / tanks with water spray ● Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations
NFPA (National Fire Protection Association)	Unknown
HMIS (Hazardous Material Information System)	Not Determined

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	<ul style="list-style-type: none"> ● Evacuate personnel to safe areas ● Ensure adequate ventilation ● Keep people away from and upwind of spill/leak ● Use personal protective equipment
Environmental precautions	<ul style="list-style-type: none"> ● Prevent further leakage or spillage if safe to do so ● Prevent product from entering drains
Methods for cleaning up	<ul style="list-style-type: none"> ● Dam up ● Take up mechanically, avoiding generation of dust, and collect in suitable container for disposal ● After cleaning, flush away traces with water ● Wear personal protective equipment

7. HANDLING AND STORAGE

Handling

Technical measures/Precautions	<ul style="list-style-type: none"> ● Use only in area provided with appropriate exhaust ventilation ● Do not breath dust, do not get in eyes or on skin, do not swallow.
Safe handling advice	<ul style="list-style-type: none"> ● Avoid contact with skin and eyes and clothing ● In case of insufficient ventilation, wear suitable NIOSH respiratory equipment ● Do not breath dust, do not get in eyes or on skin, do not swallow.

Storage

Technical measures/Precautions	<ul style="list-style-type: none"> ● Keep containers tightly closed in a dry, cool and well-ventilated place ● Keep in properly labelled containers ● Keep away from direct sunlight ● Protect from moisture
Incompatible products	<ul style="list-style-type: none"> ● Store away from organics or reducing materials
Specific use(s)	<ul style="list-style-type: none"> ● Household cleaning product

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	<ul style="list-style-type: none"> ● Ensure adequate ventilation, especially in confined areas
Personal protective equipment	<ul style="list-style-type: none"> ● n/a
Hand protection	<ul style="list-style-type: none"> ● Protective gloves for sensitive individuals or prolonged exposure

Eye protection	<ul style="list-style-type: none"> • n/a
Respiratory protection	<ul style="list-style-type: none"> • When workers are facing concentrations above the exposure limit they must use appropriate certified respirators • In case of insufficient ventilation, wear suitable NIOSH respiratory equipment
Skin and body protection	<ul style="list-style-type: none"> • Not required
Hygiene measures	<ul style="list-style-type: none"> • Keep away from food, drink and animal feeding stuffs • When using, do not eat, drink or smoke • Regular cleaning of equipment, work area and clothing • Avoid contact with skin, eyes and clothing • For environmental protection remove and wash all contaminated protective equipment before re-use • Wear suitable gloves and eye/face protection
Environmental exposure controls	<ul style="list-style-type: none"> • n/a

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	Powder.
Appearance	Granular.
Colour	White.
Odour	Light Floral.

Important Health Safety and Environmental Information

pH	2% 6.00 to 6.20
Boiling point/range	n/a
Flash point	n/a.
Vapour pressure	n/a.
Bulk density	1.0 - 1.2 g/cc.
Density	n/a.
Vapour density(Air =1)	n/a.
Water solubility	Completely soluble in water.
Tamped Density	n/a.

10. STABILITY AND REACTIVITY

Stability	<ul style="list-style-type: none"> • Stable under normal conditions
Conditions to avoid	<ul style="list-style-type: none"> • Heat, flames and sparks • Exposure to air or moisture over prolonged periods • Burning produces obnoxious and toxic fumes • Heating can release hazardous gases • To avoid thermal decomposition, do not overheat
Materials to avoid	<ul style="list-style-type: none"> • Incompatible with oxidizing agents • Incompatible with strong acids and bases
Hazardous decomposition products	<ul style="list-style-type: none"> • Thermal decomposition can lead to release of irritating gases and vapours
Polymerization	<ul style="list-style-type: none"> • None under normal processing • Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information

Product Information

Sensitization	May cause sensitization of susceptible persons.
Chronic toxicity	Avoid repeated exposure, Possible risks of irreversible effects, Repeated contact may cause allergic reactions in very susceptible persons
Specific effects	n/a
Carcinogenic Effects	None known.

Mutagenic Effects	None known.
Reproductive toxicity	None known.
Target Organ Effects	None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Component Information

Product Information

Aquatic toxicity n/d.

Other information:

Ozone depletion potential; ODP; (R-11 = 1)	n/d.
Global warming potential (GWP)	n/d.
Additional ecological information	n/d.
Mobility	Water - Considerable solubility and mobility.
Bioaccumulative potential	Does not accumulate.
Ecotoxicity effects	n/d.
Aquatic toxicity	n/d.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products	In accordance with local and national regulations.
Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated
UN-No n/a
Proper shipping name n/a
Packing group n/a
Description Household Cleaner

15. REGULATORY INFORMATION

U.S. Inventories

CAS	Chemical Name	% Weight	TSCA: Listed on the TSCA inventory DSL: Listed on DSL WHMIS Classification: Class D, D2B CERCLA and SARA: SARA section 311/312- immediate (acute) health hazard
77-92-9	Citric acid		n/a
15630-89-4	Sodium percarbonate		

International Inventories

CAS	Chemical Name	% Weight	CEPA*
77-92-9	Citric acid		N/A
15630-89-4	Sodium percarbonate		N/A

* CEPA - Canada - 2002 NPRI (National Pollutant Release Inventory)

16. OTHER INFORMATION

Literary reference Household cleaning product.
Prepared By Eileen Koop.
Other 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, we assume no liability resulting from

use of MSDS information.

End of Safety Data Sheet