MATERIAL SAFETY DATA SHEET
OxiClean Miracle Foam Power Cleaner
Revision Number 3, Revision Date March 02, 2006

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

<table>
<thead>
<tr>
<th>CAS</th>
<th>Chemical Name</th>
<th>% Weight</th>
<th>ACGIH TWA</th>
<th>OSHA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>77-92-9</td>
<td>Citric acid</td>
<td>25.0 - 35.0</td>
<td>Dust 15mg/m3</td>
<td>Dust 15mg/m3</td>
</tr>
<tr>
<td>15630-89-4</td>
<td>Sodium percarbonate</td>
<td>12.0 - 18.0</td>
<td>Dust 15 mg/m3</td>
<td>Dust 15 mg/m3</td>
</tr>
</tbody>
</table>
* OSHA - PELs

3. HAZARDS IDENTIFICATION

Emergency Overview:
- May cause skin irritation
- Product dust may be irritating to eyes, skin and respiratory system

Eye contact
- May cause irritation to the eyes, including pain, redness, reversible damage.

Skin contact
- May cause mild skin irritation with discomfort, redness or rash.

Inhalation:
- Inhalation may cause irritation to the respiratory tract.

Ingestion:
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

General advice
- 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
- 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
- Wash off with soap and large amounts of water
- Consult a physician if necessary

Eye contact
- 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:
- Move to fresh air
- If breathing is difficult, give oxygen
- If not breathing, give artificial respiration
- Consult a physician

Ingestion:
- 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
- Treat symptomatically

Protection of first-aiders
- None known

Aggravated Medical Conditions
- 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

<table>
<thead>
<tr>
<th>Flash point</th>
<th>NA</th>
</tr>
</thead>
</table>
| Suitable extinguishing media | ● carbon dioxide (CO2)  
● water spray  
● dry chemical |
| Extinguishing media which must not be used for safety reasons | ● Not applicable |
| Specific hazards | ● 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 | ● Oxides of Carbon, Oxygen |
| Special protective equipment for firefighters | ● As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear |
| Specific methods | ● 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 | ● Evacuate personnel to safe areas  
● Ensure adequate ventilation  
● Keep people away from and upwind of spill/leak  
● Use personal protective equipment |
| Environmental precautions | ● Prevent further leakage or spillage if safe to do so  
● Prevent product from entering drains |
| Methods for cleaning up | ● 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 |
| NFPA (National Fire Protection Association) | Unknown |
| HMIS (Hazardous Material Information System) | Not Determined |

### 7. HANDLING AND STORAGE

<table>
<thead>
<tr>
<th>Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Technical measures/Precautions</strong></td>
</tr>
</tbody>
</table>
| ● 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** |
| ● 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** |
| ● 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** |
| ● Store away from organics or reducing materials |
| **Specific use(s)** |
| ● Household cleaning product |

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Engineering measures | ● Ensure adequate ventilation, especially in confined areas |
| Personal protective equipment | n/a |
| Hand protection | ● Protective gloves for sensitive individuals or prolonged exposure |
**Eye protection**
- n/a

**Respiratory protection**
- 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**
- Not required

**Hygiene measures**
- 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**
- n/a

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**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.

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**10. STABILITY AND REACTIVITY**

**Stability**
- Stable under normal conditions

**Conditions to avoid**
- 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**
- Incompatible with oxidizing agents
- Incompatible with strong acids and bases

**Hazardous decomposition products**
- Thermal decomposition can lead to release of irritating gases and vapours

**Polymerization**
- None under normal processing
- Hazardous polymerization does not occur

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**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.
### 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**

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

**International Inventories**

<table>
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<tr>
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* 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...
End of Safety Data Sheet