



# SAFETY DATA SHEET

Issuing Date 23-Dec-2014

Revision Date 5-Jul-2016

Revision Number 2

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

### GHS product identifier

Product Name Oxy 2

### Other means of identification

Product Code(s) 7775

UN Number UN1479

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Laundry Detergent and Bleach

Uses advised against No information available

### Supplier's details

#### Supplier Address

Sunburst Chemicals, Inc.  
220 W. 86th St.  
Bloomington, MN 55420  
TEL: 952-884-3144

Emergency Telephone Number 1-866-303-6943

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

### **PRODUCT AS SOLD**

|                                   |            |
|-----------------------------------|------------|
| Acute Oral Toxicity               | Category 4 |
| Skin Corrosion/Irritation         | Category 1 |
| Serious Eye Damage/Eye Irritation | Category 1 |

### **PRODUCT AT USE DILUTION**

|                                   |            |
|-----------------------------------|------------|
| Acute Oral Toxicity               | Category 4 |
| Skin Corrosion/Irritation         | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2 |

### GHS Label elements, including precautionary statements

#### Emergency Overview

### **PRODUCT AS SOLD**

Signal Word Warning

#### Hazard Statements

- Harmful if swallowed
- Causes serious eye damage

|   |                             |                  |
|---|-----------------------------|------------------|
|  |                             |                  |
| <b>Appearance</b> White   | <b>Physical State</b> Solid | <b>Odor</b> None |

**Precautionary Statements**

**Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use personal protective equipment as required
- Do not breathe mist/vapors/spray

**General Advice**

- Immediately call a POISON CENTER or doctor/physician

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician.

**Skin**

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

**Ingestion**

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth
- Do NOT induce vomiting

**Storage**

- Store locked up
- Store in a well-ventilated place. Keep container tightly closed

**Disposal**

- Dispose of contents/container to an approved waste disposal plant

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

Harmful to aquatic life with long lasting effects

|   |                |
|---|----------------|
| <b>PRODUCT AT USE DILUTION</b>  |                |
| <b>Signal Word</b>  | <b>Warning</b> |
| <b>Hazard Statements</b>  |                |
| <ul style="list-style-type: none"> <li>• Harmful if swallowed</li> <li>• Causes serious eye irritation</li> </ul> |                |
| <b>Emergency Overview</b>   |                |



**Appearance** Colorless **Physical State** Liquid **Odor** None

**Precautionary Statements**

**Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use personal protective equipment as required
- Do not breathe mist/vapors/spray

**General Advice**

- Immediately call a POISON CENTER or doctor/physician

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- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse

**Inhalation**

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- If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

**Ingestion**

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth
- Do NOT induce vomiting

**Storage**

- Store locked up
- Store in a well-ventilated place. Keep container tightly closed

**Disposal**

- Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name          | CAS-No     | Weight % | Trade secret |
|------------------------|------------|----------|--------------|
| Sodium Percarbonate    | 15630-89-4 | 50 - 80  | *            |
| Nonylphenol Ethoxylate | 9016-45-9  | 20 - 30  | *            |

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

**PRODUCT AT USE DILUTION**  
Contains the same ingredients as above at less than 0.5%

**4. FIRST AID MEASURES**

**PRODUCT AS SOLD**

**Description of necessary first-aid measures**

**General Advice** Immediate medical attention is required.

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.   |
| <b>Skin Contact</b> | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Seek immediate medical attention/advice. |
| <b>Inhalation</b>   | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.   |
| <b>Ingestion</b>    | Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.                                      |

| <b>PRODUCT AT USE DILUTION</b> |   |
|--------------------------------|---|
| <b>Eye Contact</b>             | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.   |
| <b>Skin Contact</b>            | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Seek immediate medical attention/advice. |
| <b>Inhalation</b>              | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.   |
| <b>Ingestion</b>               | Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.                                      |

**Most important symptoms/effects, acute and delayed**  
**Most Important Symptoms/Effects** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**  
**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**  
 Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Unsuitable Extinguishing Media** None

**Specific Hazards Arising from the Chemical**  
 May burn if exposed to high temperature.

**Explosion Data**  
**Sensitivity to Mechanical Impact** None  
**Sensitivity to Static Discharge** None

**Protective Equipment and Precautions for Firefighters**  
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**PRODUCT AS SOLD**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use personal protective equipment. If spilled, take caution, as material can cause surfaces to become very slippery.

**Environmental Precautions**

**Environmental Precautions** Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological Information Dispose of contents/container to an approved waste disposal plant. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Collect and reuse if possible. Following product recovery, flush area with water.

| PRODUCT AT USE DILUTION          |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use personal protective equipment. If spilled, take caution, as material can cause surfaces to become very slippery.   |
| <b>Environmental Precautions</b> | Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological Information Dispose of contents/container to an approved waste disposal plant. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. |
| <b>Methods for Containment</b>   | Prevent further leakage or spillage if safe to do so.   |
| <b>Methods for Cleaning Up</b>   | Collect and reuse if possible. Following product recovery, flush area with water.   |

## 7. HANDLING AND STORAGE

**Precautions for safe handling**  
**Handling** Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**  
**Storage** Keep container tightly closed. Keep container closed when not in use. Keep out of the reach of children.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters**  
**Exposure Guidelines** No data available.

**Appropriate engineering controls**  
**Engineering Measures** Eyewash stations

### PRODUCT AS SOLD

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Tightly fitting safety goggles.  
**Skin and Body Protection** Rubber gloves.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

| PRODUCT AT USE DILUTION         |  |
|---------------------------------|--|
| <b>Eye/Face Protection</b>      | Tightly fitting safety goggles.  |
| <b>Skin and Body Protection</b> | Rubber gloves.   |
| <b>Respiratory Protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                       |       |                       |                          |
|-----------------------|-------|-----------------------|--------------------------|
| <b>Physical State</b> | Solid | <b>Appearance</b>     | White                    |
| <b>Odor</b>           | None  | <b>Odor Threshold</b> | No information available |

| <u>Property</u>             | <u>Values</u>     | <u>Product at use Dilution</u> |
|-----------------------------|-------------------|--------------------------------|
| pH                          | No data available | 10.0 – 10.5                    |
| Melting Point/Range         | 50 °C / 130 °F    | Physical State - Liquid        |
| Boiling Point/Boiling Range | No data available | Appearance – Colorless         |
| Flash Point                 | None.             | Odor - None                    |
| Evaporation rate            | No data available |                                |
| Flammability (solid, gas)   | No data available |                                |
| Flammability Limits in Air  |                   |                                |
| upper flammability limit    | No data available |                                |

|   |                    |
|---|--------------------|
| <b>lower flammability limit</b>               | No data available  |
| <b>Vapor Pressure</b>                         | No data available  |
| <b>Vapor Density</b>                          | No data available  |
| <b>Relative Density</b>                       | No data available  |
| <b>Specific Gravity</b>                       | No data available. |
| <b>Water Solubility</b>                       | Complete           |
| <b>Solubility in other solvents</b>           | No data available  |
| <b>Partition coefficient: n-octanol/water</b> | No data available  |
| <b>Autoignition Temperature</b>               | No data available  |
| <b>Decomposition Temperature</b>              | No data available  |
| <b>Viscosity</b>                              | No data available  |

**Flammable Properties** Not flammable

**Explosive Properties** Not explosive  
**Oxidizing Properties** Mild oxidizer

**Other information**

**VOC Content (%)** 0%

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### PRODUCT AS SOLD

**Information on likely routes of exposure**

**Product Information**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause irritation of respiratory tract. May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| <b>Eye Contact</b>  | Causes eye damage.  |
| <b>Skin Contact</b> | Causes skin irritation  |
| <b>Ingestion</b>    | Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.                 |

### PRODUCT AT USE DILUTION

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause irritation of respiratory tract. May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| <b>Eye Contact</b>  | Causes eye damage.  |
| <b>Skin Contact</b> | Causes skin irritation  |
| <b>Ingestion</b>    | Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.                 |

| Chemical Name       | LD50 Oral          | LD50 Dermal | LC50 Inhalation |
|---------------------|--------------------|-------------|-----------------|
| Sodium Percarbonate | = 2400 mg/kg (Rat) | -           | -               |

|                        |                      |                         |   |
|------------------------|----------------------|-------------------------|---|
| Nonylphenol Ethoxylate | = 3310 mg/kg ( Rat ) | = 2000 mg/kg ( Rabbit ) | - |
|------------------------|----------------------|-------------------------|---|

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** Contains no carcinogenic materials  
**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

The following values are calculated based on chapter 3.1 of the GHS document:

**LD50 Oral** No information available.  
**LD50 Dermal** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Chemical Name          | Toxicity to Algae | Toxicity to Fish                                | Toxicity to Microorganisms | Daphnia Magna (Water Flea)            |
|------------------------|-------------------|---|----------------------------|---------------------------------------|
| Sodium Percarbonate    | -                 | LC50 96 h: = 0.088 mg/L (Bluegill Sunfish)      | -                          | EC50 48 h: = 4.9 mg/L (Daphnia pulex) |
| Nonylphenol Ethoxylate | -                 | LC50 96 h: = 1.8 mg/L static (Bluegill Sunfish) | -                          | EC50 48h: = 12.2 mg/L (Daphnia magna) |

**Persistence and Degradability** No information available.  
**Bioaccumulation** No information available.

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**PRODUCT AS SOLD**

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations  
**Contaminated Packaging** Dispose of in accordance with federal, state, and local regulations.

**PRODUCT AT USE DILUTION**

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations  
**Contaminated Packaging** Dispose of in accordance with federal, state, and local regulations.

| Chemical Name       | California Hazardous Waste |
|---------------------|----------------------------|
| Sodium percarbonate | Ignitable                  |

**14. TRANSPORT INFORMATION**

**DOT**

**UN Number** UN1479  
**Proper Shipping Name** Oxidizing solid, n.o.s., (Sodium Carbonate Peroxyhydrate)  
**Hazard Class** 5.1  
**Packing Group** II  
**Description** UN1479, Oxidizing solid, n.o.s., (Sodium Carbonate Peroxyhydrate), 5.1,II  
**Emergency Response Guide Number** 154

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL/NDSL Complies

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire Hazard                       | No  |
| Sudden Release of Pressure Hazard | No  |
| Reactive Hazard                   | No  |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product contains no Proposition 65 chemicals:

**U.S. State Right-to-Know Regulations** None.

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

|                    |                 |                |                   |                                 |
|--------------------|-----------------|----------------|-------------------|---------------------------------|
| <b><u>NFPA</u></b> | Health Hazard 2 | Flammability 0 | Instability 0     | Physical and Chemical Hazards - |
| <b><u>HMIS</u></b> | Health Hazard 2 | Flammability 0 | Physical Hazard 0 | Personal Protection A           |

Prepared By Sunburst Chemicals, Inc.  
 220 West 86<sup>th</sup> Street  
 Bloomington, MN 55420  
 Issuing Date 23-Dec-2014  
 Revision Date 5-Jul-2016  
 Revision Note Update

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**