

## OXYGENATOR POWDER

Infosafe No.: CI049  
ISSUED Date : 16/07/2018  
ISSUED by: CUSTOM CHEMICALS  
INTERNATIONAL PTY LTD

### 1. IDENTIFICATION

**GHS Product Identifier**

OXYGENATOR POWDER

**Product Code**

SOL0060100 - 10Kg Pail

**Company Name**

Hanley Industrial Enterprises Pty Ltd (ABN 49 010 930 471)

**Address**

21 Yarraman Place (PO Box 515) Virginia  
QLD 4014 AUSTRALIA

**Telephone/Fax Number**

Tel: (07) 3326 6711

Fax: (07) 3326 6722

**Emergency phone number**

13 11 26

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

Oxygen release agent

### 2. HAZARD IDENTIFICATION

**GHS classification of the substance/mixture**

Acute Toxicity - Oral: Category 4

Oxidizing Solids: Category 2

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 1

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

May intensify fire; oxidiser.

Harmful if swallowed.

Causes serious eye damage.

**Precautionary statement – General**

Keep out of reach of children.

**Pictogram (s)**

Flame over circle, Corrosion, Exclamation mark

**Precautionary statement – Prevention**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Keep/Store away from clothing/combustible materials.

Take any precaution to avoid mixing with combustibles

Wash contaminated skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
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.  
Rinse mouth.  
In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. for extinction.

**Precautionary statement – Disposal**

Dispose of contents/container to an approved waste facility..

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients**

Name	CAS	Proportion
Sodium Carbonate Peroxyhydrate	15630- 89- 4	88 %
Sodium Carbonate	758- 29- 9	5- 10 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safe Work Australia		-

### 4. FIRST-AID MEASURES

**Inhalation**

If inhaled, remove affected person from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Apply artificial respiration if not breathing. Seek medical attention.

**Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical attention.

**Skin**

Wash skin with plenty of water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention if burning, irritation or redness develops.

**Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

### 5. FIRE-FIGHTING MEASURES

**Fire Fighting Measures**

Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion or decomposition.

**Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use media appropriate for the surrounding fire conditions.

**Hazards from Combustion Products**

Product is an Oxidizing Solid. Oxygen released on exothermic decomposition may support combustion.

**Specific Hazards Arising From The Chemical**

Oxidising material. Contact with combustible materials may cause fire. It may decompose explosively when heated or involved in a fire. May explode from heat or contamination. Containers may explode when heated. Run off may create fire or explosion hazard.

Can be released in case of fire: Carbon monoxide and carbon dioxide, Sodium oxide.

**Hazchem Code**

1Y

## 6. ACCIDENTAL RELEASE MEASURES

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**Emergency Procedures**

Avoid materials and products which are incompatible with the product(see section 10). Avoid direct contact of the product with water. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Spills & Disposal**

Collect the product with suitable means, shovel or sweep, avoiding dust formation. All receiving equipment should be clean, dry, vented, labelled and made of material is compatible with the product. Do NOT return spilled or contaminated material to inventory.

- Small spill : With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

- Large spill: Dike far ahead of liquid spill for later disposal. Following product recovery, flush area with water.

**Other Information**

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

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**Handling and storage**

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. Protect from direct sunlight. Keep away from heat sources. Keep away from reactive products. Store in vented containers. This product has a UN classification of 3378 and a Dangerous Goods Class 5.1 (Oxidiser) according to The Australian Code for the Transport of Dangerous Goods By Road and Rail.

**Precautions for Safe Handling**

Clean and dry process piping and equipment before using the product. Never return spillage to its original package or for reuse. Keep away from incompatible products. Do not use vacuum cleaner for cleaning up. Avoid contact and avoid breathing the material. Emergency showers and eye wash should be readily accessible. Remove all sources of ignition. Containers and equipment used to handle the product should be used exclusively for that product. Avoid any contact with water or humidity. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition -No smoking. Keep away from combustible material.

**Other Information**

Do not leave container open. Avoid formation of dust and aerosols. Container type/package must comply with all applicable local legislation. Store in original packaging as approved by manufacturer.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Occupational exposure limit values**

National Occupational Exposure Limits, as published by Safe Work Australia:

Time-weighted Average (TWA): None established for specific product. However, Rouge Dust TWA = 10 mg/m<sup>3</sup>.

Short Term Exposure Limit (STEL): None established for specific product.

**Appropriate Engineering Controls**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits. Check legal suitability of exposure level.

**Respiratory Protection**

Use only respiratory protection that conforms to international/national standards - Use breathing masks with dust filter P2(AS1715/1716).

**Eye Protection**

The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting etc.

**Hand Protection**

Use suitable gloves of PVC, neoprene or natural rubber having a penetration time of 4-8hours - Do not leather or cotton gloves when handling a wet product (AS2161).

**Body Protection**

For brief contact, few precautions other than clean body-covering clothing should be needed. When prolonged or frequently repeated contact could occur, use protective, full body clothing, such as PVC or rubber, impervious to this material and safety footwear (AS3765/2210).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Powder	Appearance	White granular solid
Odour	Faint	Freezing Point	Not available
Boiling Point	Not available	Solubility in Water	140 g/L @ 24C
Specific Gravity	0.8 - 1.0	pH	10.0 + 1
Vapour Pressure	Not available	Volatile Component	Nil
Flammability	Oxidising solid		

## 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

Avoid contact with moisture, heat or heat sources

### Incompatible materials

Water, Acids, Bases, Salts of heavy metals, Reducing agents, Organic materials, Flammable substances. The substance can react dangerously with reducing agents, flammable substances.

### Hazardous Decomposition Products

Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. Oxygen - decomposition releases steam and heat.

### Hazardous Polymerization

Not available.

## 11. TOXICOLOGICAL INFORMATION

### Toxicology Information

No adverse health effects expected if the product is used in accordance with this Safety Data Sheet and product label.

### Ingestion

Harmful if swallowed. Severe irritation of the mouth, throat, esophagus and stomach. Bloating of stomach, belching. Nausea, vomiting and diarrhea.

### Inhalation

Slight nose and throat irritation. At high concentrations, cough. In case of repeated or prolonged exposure: risk of sore throat, nose bleeds, chronic bronchitis.

### Skin

May cause skin irritation when exposed for long periods of time. Slight irritation. In case of repeated contact: risk of dermatitis.

### Eye

Corrosive to eyes; contact can cause corneal burns.

Contamination of eyes can result in permanent injury.

Eye contact will cause stinging, blurring, tearing & pain.

### Mutagenicity

No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### Carcinogenicity

No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### Chronic Effects

Prolonged and repeated skin contact with solutions may induce eczematoid dermatitis.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Expected to be very toxic - harmful to aquatic species.

**Persistence and degradability**

Sodium percarbonate dissociates in water into hydrogen peroxide and sodium carbonate. Hydrogen peroxide is rapidly degraded in a biological waste water treatment plant (OECD SIDS).

**Mobility**

Volatilisation of hydrogen peroxide from surface waters and moist soil is expected to be very low, while it is expected to be highly mobile in soil (OECD SIDS).

**Environmental Protection**

AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

## 13. DISPOSAL CONSIDERATIONS

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**Disposal considerations**

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

## 14. TRANSPORT INFORMATION

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**Transport Information**

Dangerous Goods of Class 5.1 Oxidising Agents are incompatible in a placard load with any of the following: - Class 1, Class 2.1, Class 2.3, Class 3, Class 4, Class 5.2, Class 7, Class 8, Fire risk substances and combustible liquids.

**U.N. Number**

3378

**UN proper shipping name**

SODIUM CARBONATE PEROXYHYDRATE

**Transport hazard class(es)**

5.1

**Packing Group**

II

**Hazchem Code**

1Y

**IERG Number**

31

## 15. REGULATORY INFORMATION

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**Regulatory information**

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

**Poisons Schedule**

S6

**Australia (AICS)**

All ingredients listed.

## 16. OTHER INFORMATION

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**Date of preparation or last revision of SDS**

SDS reviewed: Feb 2017

**References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Hazardous Substances Information System (HSIS) / Hazardous Chemical Information System (HCIS), Safe Work Australia (SWA)

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

#### Uses and Restrictions

Laundry Stains - Add 100gms (1/2 cup) per 10kg dry weight of laundry to clean, brighten and remove stains in the wash. Infectious Linen - After washing linen, dilute 10gms product per 1 Litre of wash water. Wash at 70 deg. C for 8 minutes. Bonnet Buffing - Dilute 15 gms to 15 litres hot water. Carpet Cleaning - Used for both extraction and foam cleaning of carpets by adding to cleaning solution as follows: Light Soil Cleaning - Dilute 1 part to 100 parts water. Heavy Soil Cleaning - Dilute 1 part to 75 parts water.

#### User Information

Oxygenator is a multi-purpose brightening powder ideal for use in laundries and on woolen and synthetic fibres. This powerful oxygenator powder will remove persistent stains from laundry items, while protecting and rejuvenating delicate fabrics. Oxygenator is also an effective carpet cleaner and brightener and is ideal for use in carpet extraction machines.

#### Other Information

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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## END OF SDS

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