

Safety Data Sheet

Revision Date: 20<sup>th</sup> September 2016

Print Date: Tuesday, 20 March 2018

## Oxy powder

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### Classification of Product:

Classified as **HAZARDOUS** according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; Dangerous Goods.

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### 1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

- a. Product name: **OXY POWDER**
- b. Other means of identification: N/A
- c. Recommended use of the chemical  
Soaker
- d. Manufacturer details:  
Dalcon Hygiene  
36 Victoria St Smithfield  
NSW 2164  
Australia  
PH: (02) 9604 1155  
FAX: (02) 9604 9055  
Email: admin@dalconhygiene.com.au
- e. Emergency phone number:  
Poisons information centre: 13 11 26

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### 2. HAZARD(S) IDENTIFICATION

- a. Classification of the chemical:

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

**Hazard categories**

Acute toxicity (Oral) – Category 4

Skin corrosion/irritation – Category 1A

Serious eye damage/irritation – category 1

Specific organ toxicity (single exposure) – category 3

Oxidising solids – Category 2

b. Signal word: **DANGER**



c. **Hazard statement(s)**

H302: Harmful if swallowed

H314+ H18: Causes severe burns and serious eye damage

H335: May Cause respiratory irritation

H272 May intensify fire; oxidiser

d. **Precautionary Statement(s)**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

**Prevention:**

P210 Keep away from heat/ Sparks/ open flames/ hot surfaces

P221 Take precautions to avoid mixing with combustibles.

P260 Do not breathe dust / fume / gas / mist / vapours / spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product

P280 Wear protective gloves / protective clothing / eye protection / face protection.

**Response:**

P301+P312+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison centre or doctor if you feel unwell

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 Wash contaminated clothing before re-use.

P304+P340+310 IF INHALED: Remove person to fresh air and keep in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see First Aid Measures on Safety Data Sheet).

P305+P351+P338+310 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.

P363 Wash contaminated clothing before reuse

**Storage:**

P405 Store locked up. In a bunded area.

**Disposal:**

P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

**Poisons Schedule (SUSMP): S5 Caution**

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3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Components              | CAS number | Proportion | Hazard Codes                 |
|-------------------------|------------|------------|------------------------------|
| Sodium carbonate        | 497-19-8   | 10% - 30%  | H318, H335                   |
| Sodium percarbonate     | 15630-89-4 | 30% -60%   | H272, H302, H319, H335, H410 |
| Non Hazardous materials | -          | <20%       | -                            |

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4. FIRST-AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

**Inhalation:**

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

**Skin Contact:**

If spilt on large areas of skin or hair, immediately drench with running water and remove clothing. Continue to wash skin and hair with plenty of water (and soap if material is insoluble) for at least 15 minutes or until advised to stop by the Poisons Information Centre or a doctor.

**Eye Contact:**

Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport promptly to hospital or medical centre. Continue to wash with large amounts of water until medical help is available.

**Ingestion:**

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

**Indication of immediate medical attention and special treatment needed:**

Treat symptomatically. People with pre-existing skin, eye or respiratory disease may be at an increased risk from the irritant or allergic properties of this product.

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## 5. FIRE-FIGHTING MEASURES

If safe to do so, remove undamaged containers from the area.

Product is a non-flammable solid

Product is an oxidising solid, oxygen released on exothermic decomposition may support combustion

a. **Suitable extinguishing equipment:**

Use fine water spray, alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).

**Hazchem or Emergency Action Code: 2X, 1Y**

b. Specific hazards arising from the chemical

This product is an oxidising solid. Oxygen released on exothermic decomposition may support combustion. Containers may explode when heated.

Hazardous decomposition products include hydrogen, carbon oxides, sodium oxides, corrosive and/or toxic gases.

May react with ammonium salt solutions resulting in production of ammonia gas.

c. Special protective equipment and precautions for fire fighters:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

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## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures/Environmental precautions:**

Clear area of all unprotected personnel. Avoid breathing vapours, mist, dust or gas.

Ensure adequate ventilation.

Prevent leakage or spillage into the environment. Do not let product enter drains.

Discharge into the environment must be avoided.

**Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:**

Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours or dust. Work up wind or increase ventilation.

Contain - prevent run off into drains and waterways. Collect with a shovel or scoop and seal in properly labelled containers or drums for disposal. Clean up without creating dust. Clean the area with large quantities of water. The area can be slippery after a spill.

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7. HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

**This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.**

a. **Precautions for safe handling**

Avoid skin and eye contact and breathing in vapour, mists and dusts. Keep out of reach of children.

b. **Conditions for safe storage, including incompatibilities.**

Store in cool place and out of direct sunlight. Store away from foodstuffs. Store away from acids. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

a. Control Parameters:

No value assigned for this specific material by Safe Work Australia.

However, Workplace Exposure Standard(s) for dust is 10mg/m<sup>3</sup> (for inspirable dust) and 3mg/m<sup>3</sup> (for respirable dust).

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

Peak Limitation - a maximum or peak airborne concentration of a particular substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

b. Engineering controls.

Handle in accordance with good industrial hygiene and safety practise. Wash hands before and after use. Avoid contact with skin and eyes. Avoid inhalation of dust or vapours.

c. Individual Protection measures

Eye/face protection:

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards

Skin protection:

Wear gloves when handling products. Gloves must be inspected prior to use. Use proper glove removal technique (without touching the glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use.

Respirator: Use breathing mask with dust filter.

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9. PHYSICAL AND CHEMICAL PROPERTIES

- a. Physical state: Granular solid
- b. Colour – White
- c. Odour – Odourless
- d. pH - 10
- e. Initial boiling point and boiling range – Not applicable
- f. Freezing point – Not applicable
- g. Melting point - >70°C
- h. Flammability – not applicable
- i. Upper/lower flammability or explosive limits – Not applicable
- j. Vapour pressure (20°C) – No Data Available
- k. Relative density – Not available
- l. Solubility – Miscible in Water
- m. Auto-ignition temperature: Not applicable
- n. Specific Gravity – 2.53
- o. Density – No Data Available

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10. STABILITY AND REACTIVITY

- a. Reactivity: Oxidising solid
- b. Chemical stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- c. Conditions to avoid: Avoid exposure to moisture. Avoid contact with other chemicals. Avoid direct sunlight and direct heat.
- d. Incompatible materials: Incompatible with acids, salts of heavy bases, reducing agents, organic materials, flammable substances.
- e. Hazardous decomposition products: hydrogen, may react with ammonium salts to product ammonia gas. Flammable hydrogen gas may be produced on contact with aluminium, tin, lead and zinc. Carbon monoxide gas may be produced on contact with reducing sugars. Can be released in the case of fire: Carbon monoxide, carbon dioxide, sodium oxide.

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11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

**Eye contact:** A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.

**Skin contact:** Corrosive, causes skin burns.

**Inhalation:** Dust corrosive to respiratory tract

**Chronic effects:** No information available for the product.

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12. ECOLOGICAL INFORMATION

- a. Ecotoxicity: Avoid contaminating waterways
- b. Persistence and degradability: This material is biodegradable
- c. Mobility: soluble in water
- d. This material is not persistent in aquatic systems but if released in high quantities, it's high pH is acutely harmful to aquatic life. This product does not bioaccumulate in aquatic systems.

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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

Do not allow waste to enter waterways.

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14. TRANSPORT INFORMATION

This product contains materials that are:

Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; Dangerous Goods.

Classified as **DANGEROUS GOODS** by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; Dangerous Goods.

Classified as **DANGEROUS GOODS** by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; Dangerous Goods.

UN No: 3378

Product Name: **SODIUM PERCARBONATE**

Transport Hazard Class: 5.1 Oxidizing Agent Substance

Packing Group: III

Proper Shipping Name or Technical Name: SODIUM CARBONATE PEROXYHYDRATE

Hazchem or Emergency Action Code: 1Y

IMDG EMS Fire: F-A

IMDG EMS Spill: S-Q

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#### 15. REGULATORY INFORMATION

This Material is hazardous according to Safe Work Australia; Hazardous Substance

Classification of the substance or mixture:

Acute toxicity (Oral): category 4

Skin Corrosion: category 1A

Eye Damage: category 1

Oxidising solids: category 2

Specific organ toxicity (single exposure): category 3

Acute Aquatic Toxicity

Hazard Statement(s):

H302, H314, H18, H335, H272

**Poisons Schedule (SUSMP): S5 Caution**

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#### 16. ANY OTHER RELEVANT INFORMATION

This Safety Data Sheet (SDS) has been prepared by Dalcon Hygiene

Reason(s) for Issue:

- Alignment to GHS requirements

This SDS summarises to the best of our knowledge at the date of issue, the chemical health and safety hazards of the material and provides general guidelines on how to safely handle the material. Dalcon Hygiene cannot anticipate or control the conditions under which the product may be used, stored and transported, therefore, each user must, prior to usage, assess and control the possible risks.

If clarification or further information is required, the user should contact Dalcon Hygiene at the contact details in section 1d.



By using this product, the user agrees that they have read and understood this SDS, and, knowing the risks associated with the product, wish to use the product.