

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Sodium Percarbonate

**Other Identifier:** Disodium carbonate, compound with hydrogen peroxide (2:3); Sodium carbonate, peroxide; Sodium carbonate, peroxyhydrate; Sodium percarbonate coated

**Recommended Use:** Bleaching agent

**Supplier:** Big Bubble  
**ABN:** 42 719 707 618

**Street Address:** 18 Elliott Street  
Midvale  
Western Australia

**Telephone Number:** +61 08 9274 1992

**Poisons Information Centre:** 131 126 Australia

## 2. HAZARDS IDENTIFICATION

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

### Globally Harmonised System

#### Hazard Classification

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

#### Hazard Categories

Category 1 – Serious eye damage/irritation  
Category 3 – Oxidising solids  
Category 4 – Acute toxicity (Oral)

#### Pictogram



#### Name of pictograms

Flame over circle, corrosion, exclamation mark

#### Signal Word

Danger

# SAFETY DATA SHEET

## Hazard Statements

**H272** May intensify fire, oxidiser.  
**H302** Harmful if swallowed.  
**H318** Causes serious eye damage.

## Precautionary Statement

### Prevention

**P210** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
**P220** Keep away from clothing and other combustible materials.  
**P270** Do not eat, drink, or smoke when using this product.  
**P280** Wear protective gloves/protective clothing/eye protection/face protection and a suitable respirator.

### Response

**P301 + P312** IF SWALLOWED: Call a Poison Centre or doctor if you feel unwell.  
**P305 + P351 + P338 + P310** 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 CENTRE/doctor.  
**P330** Rinse mouth.  
**P370 + P378** In case of fire: Use water for extinction.

### Disposal

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

### Poisons Schedule:

Schedule 6

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Sodium percarbonate	15630-89-4	≥85%
Sodium carbonate	497-19-8	≤11%
Sodium chloride	7647-14-5	≤2%

## 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 at once.

### Ingestion:

IF SWALLOWED: Rinse mouth, then drink plenty of water. Do NOT induce vomiting. Call a Poison Centre or doctor/physician for advice. Never give anything by mouth to an unconscious person.

### Eye Contact:

IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes. Consult with an ophthalmologist in all cases.

### Skin Contact:

IF ON SKIN (or hair): Remove and isolate contaminated clothing and shoes. Immediately flush skin and hair with running water for at least 15

# SAFETY DATA SHEET

minutes. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing and shoes before reuse.

**Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

**Medical attention and special treatment:** Treat symptomatically. Keep victim calm and warm. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

## 5. FIRE FIGHTING MEASURES

<b>General</b>	Move containers from fire area if you can do it without risk. Do not move cargo or vehicle if cargo has been exposed to heat. Cool containers with water spray until well after fire is out.
<b>Flammability Conditions</b>	OXIDISING SUBSTANCE: Will accelerate burning when involved in a fire. Oxygen released in thermal decomposition may support combustion. Contact with combustible materials may cause fire. Contact with flammables may cause fire or explosions. Risk of explosion if heated under containment.
<b>Suitable Extinguishing Media:</b>	If material is involved in a fire, use water for extinction. Do not use dry chemicals or foams. CO <sub>2</sub> or Halon <sup>®</sup> may provide limited control.
<b>Fire and Explosion Hazards</b>	Risk of violent reaction or explosion! May explode from heat or contamination. May ignite combustibles. Containers may explode when heated.
<b>Hazardous combustion products:</b>	Fire may produce irritating and/or toxic gases, including Oxygen, Carbon monoxide, Carbon dioxide, Sodium oxides.
<b>Precautions for fire fighters and special protective equipment:</b>	Contain runoff from fire control or dilution water – Runoff may cause pollution. Runoff may create fire or explosion hazard! Approach from upwind. Eliminate all ignition sources. Move containers from fire area if it can be done without personal risk. Keep product and empty container away from heat and sources of ignition. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing – It may provide little or no thermal protection. Structural firefighters' protective clothing will only provide limited protection.
<b>Auto Ignition temperature:</b>	No Data Available
<b>Decomposition Temperature:</b>	No Data Available
<b>Flammability:</b>	No Data Available
<b>Flash Point:</b>	No Data Available

# SAFETY DATA SHEET

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Ensure adequate ventilation – Ventilate closed spaces before entering. Prevent exposure to heat. ELIMINATE all ignition sources. Do not contaminate – Keep combustibles away from spilled material. Do not touch or walk through spilled material. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid generating dust. Avoid contact with eyes, skin, and clothing.
<b>Protective equipment:</b>	Use personal protective equipment as required (see SECTION 8).
<b>Emergency procedures:</b>	Spill or leak area should be isolated immediately. Evacuate personnel to safe areas. Keep unauthorised personnel away. Keep upwind and to higher ground. Consider initial downwind evacuation of areas within at least 100m.
<b>Environmental Precautions:</b>	Spillages and decontamination runoff should be prevented from entering drains and watercourses. Large spill: Immediately contact Police or Fire Brigade.
<b>Methods and materials for Containment and clean up:</b>	Stop leak if safe to do so – Prevent entry into waterways, drains, or confined areas. Use clean, non-sparking tools to transfer material to a clean, dry plastic container for disposal (see SECTION 13). Move container from spill area. Mechanically recover the product. Do not add chemical products. Pick up and arrange disposal without creating dust. All receiving equipment should be clean, vented, dry, labelled, and made of material that is compatible with the product. Following product recovery, flush area with water.

## 7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

<b>Conditions for safe storage:</b>	Keep in the original container. Store in a cool, dry, and well-ventilated place, out of direct sunlight. Keep containers tightly closed. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources – No smoking. Keep/store away from combustibles and incompatible materials (see SECTION 10).
<b>Precautions for safe handling:</b>	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid formation of dust and aerosols. Avoid breathing dust/aerosols and contact with eyes, skin, and clothing. Do not ingest. Wear protective gloves/protective clothing/eye protection/face protection and suitable respirator (see SECTION 8). OXIDISING SUBSTANCE: Prevent exposure to heat, hot surfaces, sparks, open flames, and other ignition sources – No smoking. Do not contaminate – Take any precaution to avoid mixing with combustibles/organic materials. Never return unused material to storage receptacle.

# SAFETY DATA SHEET

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure control measures:</b>	No specific exposure standards are available for this product. For dusts from solid substances without specific occupational exposure standards:  Safe Work Australia Exposure Standard (Nuisance dusts): 8 hr TWA = 10 mg/m <sup>3</sup> (Measured as inhalable dust).
<b>Biological Monitoring</b>	No information available.
<b>Engineering Controls</b>	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.
<b>Personal Protective Equipment</b>	
<b>Eye and Face</b>	Wear appropriate eye protection to prevent eye contact. Recommended: Chemical goggles.
<b>Skin</b>	Wear protective gloves. Recommended: Permeation resistant gloves, e.g. PVC, natural rubber. Wear appropriate personal protective clothing to avoid skin contact. Recommended: Protective suit, safety shoes/boots.
<b>Respiratory</b>	In case of inadequate ventilation, wear respiratory protection. Recommended: Dust mask/particulate (P2) respirator (refer to AS/NZS 1715 & 1716).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Solid, powder
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>pH:</b>	10 – 11 (3% solution)
<b>Solubility:</b>	Soluble in water (140 g/L) 24°C
<b>Auto Ignition temperature:</b>	No Data Available
<b>Decomposition Temperature:</b>	Self-accelerating decomposition temperature (SADT) > 50°C
<b>Evaporation Rate:</b>	No Data Available
<b>Flammability:</b>	No Data Available
<b>Flash Point:</b>	No Data Available
<b>Boiling Point:</b>	No Data Available

# SAFETY DATA SHEET

<b>Melting/Freezing Point:</b>	No Data Available
<b>Freezing Point</b>	No Data Available
<b>Odour Threshold:</b>	No Data Available
<b>Partition coefficient: n-octanol/water</b>	No Data Available
<b>Relative Density:</b>	2.01 – 2.16
<b>Upper Flammability Limit</b>	No Data Available
<b>Lower Flammability Limit:</b>	No Data Available
<b>Explosive limits:</b>	No Data Available
<b>Vapour density:</b>	No Data Available
<b>Vapour pressure;</b>	<10E <sup>-3</sup> Pa (@ 25°C)
<b>Viscosity:</b>	No Data Available
<b>Biopersistence:</b>	No Data Available
<b>Crystallinity:</b>	No Data Available
<b>Dustiness:</b>	No Data Available
<b>Particle size:</b>	No Data Available
<b>Redox potential:</b>	No Data Available
<b>Release of invisible flammable vapours and gases</b>	No Data Available
<b>Saturated Vapour Concentration</b>	No Data Available

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions and recommended use.
<b>Conditions to avoid:</b>	Prevent exposure to heat, hot surfaces, sparks, open flames, and other ignition sources. Do not contaminate. Protect from moisture. To avoid thermal decomposition, do not overheat.
<b>Incompatible materials:</b>	Incompatible/reactive with water, acids, reducing agents, combustible/organic materials, powdered materials.
<b>Hazardous decomposition products:</b>	Decomposition may produce irritating and/or toxic gases, including Carbon monoxide, Carbon dioxide, Sodium oxide. Oxygen released in thermal decomposition may support combustion.

# SAFETY DATA SHEET

**Hazardous reactions or Polymerisation:** Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

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:** Causes severe irritation of the mouth, throat, oesophagus, and stomach; bloating of the stomach, belching, nausea, vomiting, and diarrhoea.

**Eye contact:** Causes severe eye irritation, watering, and redness; can cause burns to the eye with risk of serious or permanent eye lesions.

**Skin contact:** May cause skin irritation with prolonged contact.

**Inhalation:** May cause slight nose and throat irritation; at high concentrations, respiratory tract irritation (mucous membranes), cough.

**Acute Toxicity:** Sodium Percarbonate  
LD50, Rat (Oral): 1,034 mg/kg bw [NICNAS].

**Carcinogenicity:** Not expected to be carcinogenic.

**Mutagenicity:** Not expected to be mutagenic.

**Reproductive:** Not expected to impair fertility.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Sodium percarbonate:  
LC50, Fish (*Pimephales promelas*): 70.7 mg/L (96 h) [Supplier's SDS]  
EC50, Crustacea (*Daphnia pulex*): 4.9 mg/L (48 h) [Supplier's SDS]

**Persistence and degradability:** Sodium percarbonate dissociates in water into hydrogen and sodium carbonate.

**Bioaccumulative potential:** Both sodium carbonate and hydrogen peroxide are inorganic chemicals which do not bioaccumulate.

**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.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Or refilled at Big Bubble in Midvale.

# SAFETY DATA SHEET

## 14. TRANSPORT INFORMATION

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

**UN number:** 3378  
**Proper shipping name;** SODIUM CARBONATE PEROXYHYDRATE  
**DG Class** 5.1, Oxidising substance  
**Packing group** II  
**Hazchem** 1Y

### Marine Transport

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

**UN number:** 3378  
**Proper shipping name;** SODIUM CARBONATE PEROXYHYDRATE  
**DG Class** 5.1, Oxidising substance  
**Packing group** II  
**Hazchem** 1Y

### Air Transport

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

**UN number:** 3378  
**Proper shipping name;** SODIUM CARBONATE PEROXYHYDRATE  
**DG Class** 5.1, Oxidising substance  
**Packing group** II  
**Hazchem** 1Y

## 15. REGULATORY INFORMATION

**Poisons Schedule:** Schedule 6

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

If swallowed, do NOT induce vomiting.

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor, or for at least 15 minutes.

## 16. OTHER INFORMATION

Revision date: 09/06/2026  
Reason for issue: Update SDS

This material safety data sheet has been prepared by Midland Chemicals.

# SAFETY DATA SHEET

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.