

Infosafe No™ VAR1E Issue Date : February 2016 ISSUED by HUNTERST

Product Name **SAFETY BLEACH**

Classified as hazardous

1. Identification

GHS Product Identifier SAFETY BLEACH
Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address 60 Gleadow Street INVERMAY
 TAS 7248 Australia
Telephone/Fax Number Tel: 03 6331 4755
 Fax: 03 6334 1065
Emergency phone number 0407 610 542
Recommended use of the chemical and restrictions on use Raw material for industrial use.
 Cleaning, washing agent and additive.

2. Hazard Identification

GHS classification of the substance/mixture Acute Toxicity - Oral: Category 4
 Oxidizing Solids: Category 2
Signal Word (s) DANGER
Hazard Statement (s) H272 May intensify fire; oxidiser.
 H302 Harmful if swallowed.
Precautionary statement - General P102 Keep out of reach of children.
 P103 Read label before use.
Pictogram (s) Flame over circle, Exclamation mark



Precautionary statement - Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P220 Keep/Store away from clothing//combustible materials.
 P221 Take any precaution to avoid mixing with combustibles
 P264 Wash contaminated skin thoroughly after handling
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement - Response P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P330 Rinse mouth.
 P370+P378 In case of fire: Use for extinction.
Precautionary statement - Storage P404 Store in a closed container.
Precautionary statement - Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Sodium percarbonate	15630-89-4	40-70 %
	Other ingredients determined not to be hazardous	N/A	30-60 %

4. First-aid measures

Inhalation Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

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Ingestion	If swallowed, do NOT induce vomiting. Give a glass of water to be taken slowly.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before re-use.
Eye contact	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Recommended: Eye wash. Hand wash basin. Emergency shower if handling industrial quantities.
Advice to Doctor	Product contains sodium percarbonate. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre.

5. Fire-fighting measures

Suitable extinguishing media	Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used. Water fog (or if unavailable fine water spray).
Hazards from Combustion Products	Non combustible, but will support combustion of other materials
Specific Methods	In case of small fire/explosion use water. In case of major emergency: Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.
Specific hazards arising from the chemical	Not flammable. Contact with combustible materials may cause fire. Heat, or contact with moisture or acids may generate hydrogen peroxide and/or oxygen, which may initiate, or support, combustion.
Hazchem Code	1Y

6. Accidental release measures

Spills & Disposal	For small spillages: Absorb on inert absorbent (NOT sawdust or paper) and transfer to suitable closed container. Wash site of spillage thoroughly with water and detergent. Ventilate area to dispel any residual vapours. For large spillages product should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. CARE! Spillages may be slippery when wet. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Prevent spillages from entering natural waters. Shut off all sources of ignition. Increase ventilation.
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7. Handling and storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing dust. Keep away from combustible materials, acids, reducing agents.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well ventilated place, out of reach of children. Store in original container. Keep container tightly closed. Keep container dry. Keep away from acids, copper, brass and iron. Keep away from combustible materials. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure limit has been established but the following should be considered : ACGIH TLV-TWA for nuisance dust = 10 mg/m ³ total dust, or = 5 mg/m ³ respirable dust.
Appropriate engineering controls	Do not use copper, brass, or mild steel as materials of construction. Do not use wood or paper products as materials of construction. Segregate from combustible or flammable materials. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.

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Personal Protective Equipment Avoid contact with the skin and eyes. Avoid breathing the dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-
 Dust mask
 Face shield or safety glasses
 Gloves, rubber or plastic
 Plastic apron, sleeves and boots
 Impervious overalls.
 CAUTION: Contains sodium perborate. Cotton or linen overalls impregnated with dust may be more readily ignited and could burn fiercely.
 Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form Solid

Appearance White free-flowing crystalline powder.

Odour Odourless.

Melting Point Decomposes above 60 °C

Solubility in Water 23g/L @25C

Solubility in Organic Solvents Insoluble

pH 10.2 - 10.6 (1 % solution)

Vapour Pressure Not Applicable

Flash Point None.

Flammability Not flammable. Contact with combustible materials may cause fire. Heat, or contact with moisture or acids may generate hydrogen peroxide and/or oxygen, which may initiate, or support, combustion.

Auto-Ignition Temperature Decomposes above 60 °C with evolution of oxygen.

10. Stability and reactivity

Chemical Stability Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Conditions to Avoid Incompatible materials, moisture, heat.

Incompatible Materials Incompatible with heavy metal salts , reducing agents , combustible materials , acids , bases .

Hazardous Decomposition Products Oxygen, which will support combustion.

Possibility of hazardous reactions Contact with combustible materials may cause fire. Releases hydrogen peroxide or oxygen when wet, when heated or in contact with warm or moist air.

11. Toxicological Information

Acute Toxicity - Oral LD 50 : Sodium percarbonate 1090 mg/kg oral, rat

Ingestion Harmful if swallowed. Likely to cause gastric irritation, nausea, vomiting and diarrhoea. Possible risk of convulsions, muscle weakness, circulatory collapse.

Inhalation Inhaled dust will irritate the respiratory system. May cause cough, shortness of breath. Exposure may lead to pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.

Skin Irritating to skin. May be absorbed through broken skin.

Eye Irritating to eyes. May cause redness, irritation and pain. May cause

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Chronic Effects corneal damage.
Not available.

12. Ecological information

Ecotoxicity Harmful to aquatic organisms.
Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal Land fill, sewer (small quantities). Refer to Land Waste Management Authority in your State.

14. Transport information

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.
Non regulated.
U.N. Number 3378
UN proper shipping name SODIUM CARBONATE PEROXYHYDRATE
Transport hazard class(es) 5.1
Hazchem Code 1Y
Packing Group II
IERG Number 31

15. Regulatory information

Poisons Schedule S6
Hazard Category Harmful, Oxidising

16. Other Information

Signature of Preparer/Data Service Technical Manager (03) 6431 9627

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: (03) 6431 9627 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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