

Safety Data Sheet

Infosafe No™ ACE7E Issue Date : March 2017 ISSUED by ACECHEM

Product Name **SODIUM PERCARBONATE**

Classified as hazardous

1. Identification

GHS Product Identifier SODIUM PERCARBONATE
Product Code S511007
Company Name ACE CHEMICAL COMPANY (ABN 35619819300)
Address 119A Mooringe Avenue Camden Park
S.A 5038 Australia
Telephone/Fax Number Tel: 08-8376 0844
Fax: 08-8295 8563
Emergency phone number 0438760844
E-mail Address acechem@bigpond.com
Recommended use of the chemical and restrictions on use Laundry and household cleaning products, cosmetics, in textile bleaching and in vat dye oxidation.
Other Names

<u>Name</u>	<u>Product Code</u>
SODIUM CARBONATE PEROXYHYDRATE	S511007

Other Information Ace Chemical Company has taken care in compiling this information. No liability is accepted wether direct or indirect from its application since the conditions of final use are outside Ace Chemical Companies control.

2. Hazard Identification

GHS classification of the substance/mixture Acute Toxicity - Oral: Category 4
Eye Damage/Irritation: Category 1
Oxidizing Solids: Category 2
Signal Word (s) DANGER
Hazard Statement (s) H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
Pictogram (s) Flame over circle, Corrosion, 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.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P330 Rinse mouth.
P370+P378 In case of fire: Use for extinction.
Precautionary statement – Disposal P501 Dispose of contents/container to

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3. Composition/information on ingredients

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sodium Carbonate Peroxyhydrate	15630-89-4	88 %
	Alkaline Salts	497-19-8	1-12 %
	Sodium Sulphate	7757-82-6	1-12 %

4. First-aid measures

Inhalation	Remove affected person to fresh air. Seek medical attention if effects persist.
Ingestion	If the person is conscious and not convulsing, give 2-4 cupfuls of water to dilute the chemical and seek medical attention immediately.
Skin	Wash affected skin with soap and mild detergent and large amounts of water.
Eye contact	Rinse affected eyes thoroughly under running water for 15 minutes with eyelids held open. Seek specialist advice.
First Aid Facilities	Ensure an eye bath and safety shower are available and ready for use.
Advice to Doctor	Treat symptomatically based on judgement of doctor and individual reactions of patient.

5. Fire-fighting measures

Suitable extinguishing media	In case of fire use water only. DO NOT use dry chemical, carbon dioxide or halon type extinguishers. Use enough water because decomposition is accelerating. Move containers from fire area if you can do so without risk.
Specific Methods	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Specific hazards arising from the chemical	Not flammable under conditions of use, however, assists combustion and may cause other materials to burn or explode.
Hazchem Code	1Y
Decomposition Temp.	Self Accelerating Decomposition Temperature (SADT). ca. 55°C for 25kg 50°C for 1m ³

6. Accidental release measures

Other Information	Clean up personnel should wear protective glasses and approved dust mask. Avoid raising dusts. Flush small spills away with plenty of water. Sweep up large spills together with binding agent or use a vacuum cleaner. Place waste in drums and hold for waste disposal.
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7. Handling and storage

Conditions for safe storage, including any incompatibilities	Store in an upright; original vented container at ambient temperature. Do not store above 35°C.
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8. Exposure controls/personal protection

Occupational exposure limit values	An exposure standard has not been established for this product. However manufacturer suggests an exposure standard of: 5 mg/m ³
Appropriate engineering controls	Ensure adequate ventilation to maintain exposure levels below standards, including the use of local exhaust or process enclosure.

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Respiratory Protection Where ventilation is not adequate, respiratory protection may be required. An approved dust particle half mask should be used.
Eye Protection Full face shield, chemical goggles or safety goggles should be worn.
Hand Protection PVC gloves should be worn when handling.

9. Physical and chemical properties

Appearance White odourless powder.
Decomposition Temperature Self Accelerating Decomposition Temperature (SADT).
ca. 55°C for 25kg
50°C for 1m3
Melting Point Not available
Boiling Point Not applicable.
Solubility in Water 150 g/l (20°C)
Specific Gravity 0.9-1.1 (Water = 1)
pH Not available.
Vapour Pressure Not applicable.
Flash Point Not applicable.
Flammability Not flammable under conditions of use, however, assists combustion and may cause other materials to burn or explode.
Flammable Limits - Lower Not applicable.

10. Stability and reactivity

Chemical Stability Stable under ambient temperature to 35°C
Incompatible Materials Acids, alkalis, reducing agents, oxidizing agents, rust, organic materials and combustible materials.
Hazardous Decomposition Products Decomposition liberates oxygen and heat which can support combustion and cause pressure bursts in confined spaces. Decomposition in the presence of organic material can be rapid and highly exothermic.
Hazardous Polymerization Will not occur.

11. Toxicological Information

Toxicology Information Oral LD50 = 1034 mg/kg (Rat)
Dermal LDlo = >2000 mg/kg (Rabbit)
Inhalation LC50 = 4580 mg/L (Rat)
Not listed as a carcinogen by OSHA, NTP or IARC
Ingestion Harmful if swallowed. The material may irritate the gastrointestinal tract. Decomposition in the stomach may lead to the production of oxygen gas. This may cause distension of the stomach. Possibility of some bleeding occurring.
Inhalation Inhalation of the material may cause irritation. Possibility of development of pulmonary oedema (fluid in the lungs) with severe exposure.
Skin Product is irritating to the skin.
Eye The material is irritating to the eye and may cause watering and redness.
Chronic Effects Mild skin irritation may occur with prolonged or repeated contact.

12. Ecological information

Safety Data Sheet

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13. Disposal considerations

Waste Disposal Dispose of waste by landfill in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

14. Transport information

Transport Information This material is classified as a Class 5.1 Dangerous Good according to the Australian Code for the Transport of Dangerous Goods.

U.N. Number 1479

UN proper shipping name OXIDIZING SOLID, N.O.S. - SODIUM PEROXYCARBONATE

Transport hazard class(es) 5.1

Hazchem Code 1Y

Packing Group II

EPG Number 5B1

IERG Number 31

15. Regulatory information

Poisons Schedule S6

16. Other Information

Contact Person/Point Ace Chemical Company
119A Mooringe Avenue
Camden Park S.A. 5038
Tel: 08-8376 0844 Fax: 08-8295 8563
or Poisons Information Centre
Tel: 13 11 26
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