MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Sodium Percarbonate

Recommended Use:

Supplier: Midland Chemicals
ABN: 91 622 018 986

Street Address: 18 Elliott Street
Midvale
Western Australia

Telephone Number: +61 08 92741992

Facsimile: +61 08 9250 1710

Emergency Telephone: **1 800 033 111 (ALL HOURS)**

2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by

Road and Rail; NON-DANGEROUS GOODS.

Risk Phrases: Harmful if swallowed. Risk of damage to eyes.

Safety Phrases: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

Poisons Schedule: N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases

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.

Inhalation:
Remove victim from area of exposure - apply resuscitation if victim is not breathing. Administrate oxygen if breathing is difficult

Skin Contact:
remove material immediately, remove contaminated clothing immediately

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. Seek medical assistance.

Ingestion:

Medical attention and special treatment:
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazards from combustion products:
Will accelerate burning when involved in a fire, may explode from heating, shock, friction or contamination.some will react explosively with hydrocarbons. may ignite combustibles (wood, paper, clothing etc.)

Precautions for fire fighters and special protective equipment:
Fire will produce irritating, poisonous and/or corrosive gases. Containers may explode when heated. runoff may cause fire or explosive hazards. when any large container including road and rail tanker is involved in a fire initial evacuation for 800m in all directions.

Suitable Extinguishing Media:
Small fire: use flooding quantities of water, do not use dry chemicals, CO2 or foam. if safe to do so remove undamaged containers from fire area, do not move cargo if it has been exposed to heat. Large fire: flood fire area with water from a protected position. cool containers with flooding quantities of water until well after fire is out. if impossible withdraw from area and let fire burn. avoid getting water inside containers; a violent reaction may occur. Dam fire control water for later disposal, always stay away from tank ends.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:
Clear area of all unprotected personnel, if large spill consider initial downwind evacuation for at least 100m. If heavy concentration of contamination of sewers or waterways has occurred advise local emergency services, or Environmental Protection Authority.

Methods and materials for containment and clean up:
Spill or Leak area should be isolated immediately for at least 25m in all directions. keep unauthorised personnel and keep upwind and to higher ground. Do not contaminate, keep combustibles away from spilled area. do not touch damaged containers or spilled area unless wearing appropriate protective

clothing. use water spray to knock down or divert vapour clouds. prevent entry into waterways, drains or confined areas. prevent exposure to heat.
Dry Spill: use clean non-sparking tools to transfer material to clean, dry plastic container and cover loosely, remove container from spill area.
Small liquid Spill: use a non-combustible material like vermiculite, sand or earth to soak up the product and place in a loosely-covered container for later disposal.
Large Liquid Spill: seek expert advice on handling and disposal

7. HANDLING AND STORAGE

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

Conditions for safe storage:
Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

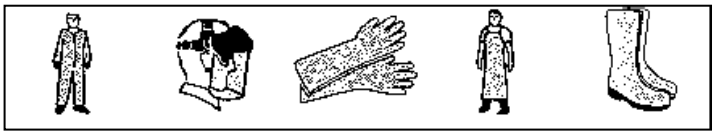
Precautions for safe handling:
Avoid skin and eye contact and breathing in vapour, mists and aerosols.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Engineering controls:

Personal Protective Equipment:
The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.
RUBBER BOOTS, CHEMICAL GOGGLES, FACE SHIELD, SAFETY SHOES, GLOVES (Long), APRON.



Wear overalls, chemical goggles, face shield, elbow-length impervious gloves, splash apron and rubber boots. Always wash hands before smoking, eating, drinking or using the toilet. Decontaminate clothing and protective equipment before storage and re-use.
If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Crystalline, free flowing
Colour: white
Solubility:
Specific Gravity:
Relative Vapour Density (air=1):
Vapour Pressure (20 °C):
Flash Point (°C):
Flammability Limits (%):

Auto Ignition Temperature (°C):
Boiling Point/Range (°C):
pH:

10. STABILITY AND REACTIVITY

Chemical stability:

Conditions to avoid:

Incompatible materials:

Hazardous decomposition products:

Hazardous reactions:

11. TOXICOLOGICAL INFORMATION

Ingestion:

Eye contact: .

Skin contact: .

Inhalation:

Long Term Effects: .

Toxicological Data: No.

12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid contaminating waterways with heavy concentration.

Persistence and degradability

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.

14. TRANSPORT INFORMATION

Road and Rail Transport
Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to criteria of ASCC; NONHAZARDOUS SUBSTANCE.

Hazard Category: N: Dangerous for the Environment

Risk Phrase(s): R36: Irritating to Eyes
R38: Irritating to Skin.

Safety Phrase(s): S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

Poisons Schedule: N/A

16. OTHER INFORMATION

This material safety data sheet has been prepared by Midland Chemicals

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. Since Midland Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Midland Chemicals at the contact details on page 1.
Midland Chemical's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.