

03 9768 2669

1. IDENTIFICATION

Product Name Oxy Wash / Nappy Wash

Other Names Contains: Soda ash, dense; Sodium Percarbonate

UsesCleaning agents and additives; Dishwashing and laundry detergents;

Chemical Family No Data Available

Chemical Formula Na2CO3

Chemical Name

Product Description Inorganic (alkaline) salt.

Contact Details of the Supplier of this Safety Data Sheet

Organisation Location Telephone

Aurora Cleaning Supplies F1 / 5 Bungaleen Court

Dandenong South VIC 3175

Emergency Contact Details

For emergencies only; DO NOT contact these companies for general product advice.

Organisation	Location	Telephone
Chemcall	Australia	1800-127406 +64-4-9179888
Chemcall	Malaysia	+64-4-9179888
Chemcall	New Zealand	0800-243622 +64-4-9179888
National Poisons Centre	New Zealand	0800-764766
CHEMTREC	USA & Canada	1-800-424-9300 CN723420 +1-703-527-3887

2. HAZARD IDENTIFICATION

Poisons Schedule (Aust) Not Scheduled

Globally Harmonised System

Hazard Classification Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of

Chemicals (GHS)

Hazard Categories Serious Eye Damage/Irritation - Category 2A

Pictograms

Signal Word Warning

Hazard Statements H319 Causes serious eye irritation.

Precautionary Statements Prevention **P264** Wash skin thoroughly after handling.

P280 Wear eye protection/face protection.

Response P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice.

National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous

Goods by Road & Rail (ADG Code)

Environmental Protection Authority (New Zealand)

Hazardous Substances and New Organisms Amendment Act 2015

Hazards

HSNO Classifications Health **6.1D** Substances that are acutely toxic - Harmful

6.3A Substances that are irritating to the skin

6.4A Substances that are irritating to the eye

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	Formula	CAS Number	Proportion
Sodium carbonate, anhydrous	Na2CO3	497-19-8	<30 %
Sodium Percarbonate			<30%

4. FIRST AID MEASURES

Non hazardous ingredients

Description of necessary measures according to routes of exposure

Swallowed IF SWALLOWED: Rinse mouth, then drink plenty of water. Do not induce vomiting. Get immediate medical

advice/attention. If vomiting occurs, give further water. Never give anything by mouth to an unconscious person.

Balance

Eye 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 rinsing for at least 15

minutes. If eye irritation persists, get medical advice/attention.

Skin IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin

irritation occurs, get medical advice/attention.

Inhaled IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Remove

contaminated clothing and loosen remaining clothing. If respiratory symptoms persist, get medical advice/attention.

Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

Advice to Doctor Treat symptomatically.

Medical Conditions Aggravated

by Exposure

No information available.

5. FIRE FIGHTING MEASURES

General Measures If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is

out.

Flammability Conditions Non-combustible; Material itself does not burn.

Extinguishing Media If material is involved in a fire, use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

Fire and Explosion Hazard Decomposes on heating, emitting toxic fumes.

Hazardous Products of

Combustion

Fire or heat may produce irritating, toxic and/or corrosive fumes, including Carbon oxides, Sodium oxides.

Special Fire Fighting

Instructions

Contain runoff from fire control or dilution water - Runoff may pollute waterways.

Personal Protective Equipment Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only

provide limited protection.

Flash PointNo Data AvailableLower Explosion LimitNo Data AvailableUpper Explosion LimitNo Data AvailableAuto Ignition TemperatureNo Data AvailableHazchem CodeNo Data Available

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure Ensure adequate ventilation. Do not touch or walk through spilled material - slipping hazard! Avoid dust formation.

Avoid breathing dust and contact with eyes, skin and clothing.

Clean Up Procedures Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for

disposal (see SECTION 13).

Containment Stop leak if safe to do so – Prevent entry into waterways, drains or confined areas.

Decontamination After cleaning, flush away any residual traces with water.

*Prevent any mixture with an acid into the sewer/drain (gas formations).

Environmental Precautionary

Measures

Prevent entry into drains and waterways. Local authorities should be advised if significant spillages cannot be

contained.

Evacuation Criteria Spill or leak area should be isolated immediately. Evacuate personnel to safe areas. Keep unauthorised personnel

away.

Personal Precautionary

Measures

Wear protective equipment to prevent skin and eye contact and breathing in dust (see SECTION 8).

7. HANDLING AND STORAGE

Handling 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. Minimise dust generation and accumulation. Avoid breathing dust and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8). Avoid extreme heat and contact with incompatible

materials (see SECTION 10).

Storage Storage Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep containers closed when not in use - check

regularly for spills. Avoid moisture/humidity. Avoid extreme heat. Keep away from foodstuffs and incompatible

materials (see SECTION 10).

Container Keep in properly labelled original container or suitable packaging material, i.e. Polyethylene, woven plastic material +

PE. Do not store in moisture permeable material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General No value assigned for this specific material by Safe Work Australia. For dusts from solid substances without specific

occupational exposure standards:

- Safe Work Australia Exposure Standard (Nuisance dusts): 8 hr TWA = 10 mg/m3, measured as inhalable dust).

- New Zealand WES (Particulates not otherwise classified): TWA = 10 mg/m3; TWA = 3 mg/m3 (respirable).

Exposure Limits No Data Available

Biological Limits No information available.

Engineering Measures Provide appropriate exhaust ventilation at places where dust is formed. Apply technical measures to comply with the

occupational exposure limits.

Personal Protection Equipment - Respiratory protection: Wear respiratory protection in case of inadequate ventilation or an inhalation risk exists.

Recommended: Dust mask/particulate respirator (refer to AS/NZS 1715 & 1716).

- Eye/face protection: Wear appropriate eye protection to prevent eye contact. Recommended: Safety glasses with

side shields or protective goggles.

- Hand protection: Handle with gloves. Recommended: Impervious gloves, e.g. neoprene, natural rubber.

- Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Long-sleeved protective clothing; Overalls or dust-impervious protective suit; Apron (rubber or plastic); Safety shoes or

boots (rubber or plastic).

Special Hazards Precaustions

No information available.

Work Hygienic Practices

Do not eat, drink or smoke when using this product. Always wash hands before smoking, eating, drinking or using

the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid

Appearance Granular or powder

Odour Odourless
Colour White

pH 10.3 - 11.3 (10 g/L aqueous solution)Vapour Pressure Negligible (@ No Data Available)

Relative Vapour DensityNo Data Available **Boiling Point**No Data Available

Melting Point 851 °C

Freezing Point No Data Available Solubility Soluble in water **Specific Gravity** 2.53 (Water = 1)Flash Point No Data Available **Auto Ignition Temp** No Data Available **Evaporation Rate** No Data Available **Bulk Density** No Data Available **Corrosion Rate** No Data Available

Decomposition Temperature >=400 °C

DensityNo Data AvailableSpecific HeatNo Data AvailableMolecular WeightNo Data AvailableNet Propellant WeightNo Data AvailableOctanol Water CoefficientNo Data Available

Particle SizeNo Data AvailablePartition CoefficientNo Data AvailableSaturated Vapour ConcentrationNo Data AvailableVapour TemperatureNo Data AvailableViscosityNo Data AvailableVolatile PercentNo Data AvailableVOC VolumeNo Data Available

Additional Characteristics Hygroscopic: absorbs moisture or water from surrounding air.

Potential for Dust Explosion No information available.

Fast or Intensely Burning
Characteristics

No information available.

Flame Propagation or Burning

Rate of Solid Materials

No information available.

Non-Flammables That Could Contribute Unusual Hazards to a

No information available.

Properties That May Initiate or Contribute to Fire Intensity

Non-combustible; Material itself does not burn.

Reactions That Release Gases or Vapours

Decomposes on heating, emitting toxic fumes, including Carbon dioxide.

Release of Invisible Flammable

Vapours and Gases

No information available.

10. STABILITY AND REACTIVITY

General InformationReacts exothermically with strong acids evolving carbon dioxide. **Chemical Stability**Stable if stored and handled under recommended conditions.

Conditions to Avoid Avoid generating dust. Avoid exposure to moisture. Avoid exposure to heat.

Materials to Avoid Incompatible/reactive with acids, phosphorus pentoxide, aluminium, lead, magnesium, iron, zinc, fluorine.

Hazardous Decomposition

Products

Decomposes on heating, emitting toxic fumes, including Carbon dioxide.

Hazardous Polymerisation Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

General Information

- Acute toxicity: Low acute toxicity following oral, dermal and inhalation exposure. In case of ingestion, may cause severe irritation, nausea, abdominal pain, vomiting, diarrhoea.
- Skin corrosion/irritation: Prolonged contact may cause skin irritation.
- Eye damage/irritation: Causes serious eye irritation; may cause redness, lachrymation, swelling.
- Respiratory/skin sensitisation: Not a skin sensitiser.
- Germ cell mutagenicity: Not considered to be genotoxic.
- Carcinogenicity: Not considered carcinogenic.
- Reproductive toxicity: Does not show specific reproductive or developmental toxicity.
- STOT (single exposure): In case of inhalation at high concentrations, may cause cough, nose, throat and lung irritation.
- STOT (repeated exposure): Carbonate ions are neutralised under physiological conditions to form bicarbonate ions and/or carbon dioxide, which are major products of all human metabolic activities; therefore, systemic toxicity is not expected. Risk of sore throat, nose bleeds in case of repeated or prolonged inhalation exposure.
- Aspiration toxicity: No information available.

Acute

Ingestion Acute toxicity (Oral):

- LD50, Rats: >2,800 mg/kg [Supplier's SDS].

Other Acute toxicity (Dermal):

- LD50, Rabbit: >2,000 mg/kg [Supplier's SDS].

Inhalation Acute toxicity (Inhalation):

- LC50, Rat: 2.3 mg/l (2 h) [Supplier's SDS].

Carcinogen Category None

12. ECOLOGICAL INFORMATION

Ecotoxicity Aquatic toxicity:

- LC50, Fish (Lepomis macrochirus): 300 mg/L (96 h).
- EC50, Crustacea (Ceriodaphnia dubia): 200 mg/L (48 h).

Persistence/Degradability Sodium carbonate is an inorganic substance. In the presence of water, it will fully dissociate to sodium and carbonate

ions which will disperse in the various media.

Mobility Solid sodium carbonate has a negligible vapour pressure and for this reason it will not be distributed to the

atmosphere. If sodium carbonate is emitted to water it will remain in the water phase. If the pH is decreased then carbonic acid (H2CO3 or CO2) can be formed. If the concentration of carbon dioxide in water is above the water solubility limit, the carbon dioxide will distribute to the atmosphere. If sodium carbonate is emitted to soil it can escape to the atmosphere as CO2, precipitate as a metal carbonate, form complexes or stay in solution.

Environmental Fate Prevent entry into drains and waterways.

Bioaccumulation PotentialDoes not bioaccumulate. The substance dissociates fully on introduction to water.

*Log Po/w is not applicable for an inorganic compound which dissociates.

Environmental Impact No Data Available

13. DISPOSAL CONSIDERATIONS

General Information If recycling is not practicable, dispose of in accordance with local/regional/national regulations.

Special Precautions for Land Fill Packaging disposal: Where possible, recycling is preferred to disposal or incineration. Clean container with water;

Dispose of rinse water in accordance with local and national regulations.

14. TRANSPORT INFORMATION

Land Transport (Australia)

ADG Code

Proper Shipping Name
Class
No Data Available
Subsidiary Risk(s)
No Data Available
No Data Available

UN NumberNo Data AvailableHazchemNo Data AvailablePack GroupNo Data AvailableSpecial ProvisionNo Data Available

Comments NON-DANGEROUS GOODS: Not regulated for LAND transport.

Land Transport (Fiji)

ADG Code

Proper Shipping NameDense Sod AshClassNo Data AvailableSubsidiary Risk(s)No Data Available

No Data Available No Data Available No Data Available No Data Available

Pack GroupNo Data AvailableSpecial ProvisionNo Data Available

Comments NON-DANGEROUS GOODS: Not regulated for LAND transport.

Land Transport (Malaysia)

ADR Code

UN Number

Hazchem

Proper Shipping Name

Class

No Data Available

Subsidiary Risk(s)

No Data Available

No Data Available

UN NumberNo Data AvailableHazchemNo Data AvailablePack GroupNo Data AvailableSpecial ProvisionNo Data Available

Comments NON-DANGEROUS GOODS: Not regulated for LAND transport.

Land Transport (New Zealand)

NZS5433

Proper Shipping Name
Class
No Data Available
Subsidiary Risk(s)
No Data Available
No Data Available
UN Number
No Data Available

UN NumberNo Data AvailableHazchemNo Data AvailablePack GroupNo Data AvailableSpecial ProvisionNo Data Available

Comments NON-DANGEROUS GOODS: Not regulated for LAND transport.

Land Transport (Papua New Guinea)

ADG Code

Proper Shipping Name
Class
No Data Available
Subsidiary Risk(s)
No Data Available
No Data Available
UN Number
No Data Available

Hazchem No Data Available
Pack Group No Data Available
Special Provision No Data Available

Comments NON-DANGEROUS GOODS: Not regulated for LAND transport.

Land Transport (United States of America)

US DOT

Proper Shipping Name

Class

No Data Available

Subsidiary Risk(s)

No Data Available

No Data Available

No Data Available

UN Number

No Data Available

HazchemNo Data AvailablePack GroupNo Data AvailableSpecial ProvisionNo Data Available

Comments NON-DANGEROUS GOODS: Not regulated for LAND transport.

Sea Transport

IMDG Code

Proper Shipping Name Dense Soda Ash Class No Data Available Subsidiary Risk(s) No Data Available **UN Number** No Data Available Hazchem No Data Available **Pack Group** No Data Available **Special Provision** No Data Available No Data Available **EMS**

Marine Pollutant No.

Comments NON-DANGEROUS GOODS: Not regulated for SEA transport.

Air Transport

IATA DGR

Proper Shipping NameDense Soda AshClassNo Data AvailableSubsidiary Risk(s)No Data AvailableUN NumberNo Data AvailableHazchemNo Data AvailablePack GroupNo Data AvailableSpecial ProvisionNo Data Available

Comments NON-DANGEROUS GOODS: Not regulated for AIR transport.

National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous

Goods by Road & Rail (ADG Code)

15. REGULATORY INFORMATION

General Information ALKALINE SALTS, being the carbonate, silicate or phosphate salts of sodium or potassium alone or in any

combination, are listed in Schedule 5 of the SUSMP in (other) solid preparations, the pH of which in a 10 g/L

aqueous solution is more than 11.5.

Poisons Schedule (Aust) Not Scheduled

Environmental Protection Authority (New Zealand)

Hazardous Substances and New Organisms Amendment Act 2015

Approval Code HSR002503

HSR003265 (Revoked)

National/Regional Inventories

Australia (AIIC) Listed

Canada (DSL) Listed

Canada (NDSL) Not Listed

China (IECSC) Listed

Europe (EINECS) 207-838-8

Europe (REACh) Listed

Japan (ENCS/METI) 1-164

Korea (KECI) KE-31380

Malaysia (EHS Register) Listed

New Zealand (NZIoC) Listed

Philippines (PICCS) Listed

Switzerland (Giftliste 1) Not Determined

Switzerland (Inventory of Notified

Substances)

Not Determined

Taiwan (NCSR) Listed

USA (TSCA) Listed

16. OTHER INFORMATION

Related Product Codes

SOCABR1000, SOCABR1100, SOCABR2000, SOCARB0005, SOCARB0215, SOCARB1000, SOCARB1001, SOCARB1002, SOCARB1003, SOCARB1004, SOCARB1005, SOCARB1006, SOCARB1007, SOCARB1008, SOCARB1009, SOCARB1010, SOCARB1011, SOCARB1012, SOCARB1013, SOCARB1014, SOCARB1015, SOCARB1016, SOCARB1017, SOCARB1018, SOCARB1019, SOCARB1022, SOCARB1100, SOCARB1101, SOCARB1102, SOCARB1103, SOCARB1104, SOCARB1105, SOCARB1106, SOCARB1107, SOCARB1108, SOCARB1109, SOCARB1110, SOCARB1112, SOCARB1113, SOCARB1114, SOCARB1140, SOCARB1150, SOCARB1160, SOCARB1200, SOCARB1201, SOCARB1202, SOCARB1210, SOCARB1211, SOCARB1212, SOCARB1240, SOCARB1300, SOCARB1500, SOCARB1501, SOCARB1502, SOCARB1650, SOCARB1700, SOCARB1807, SOCARB1808, SOCARB1809, SOCARB1810, SOCARB1811, SOCARB1812, SOCARB1813, SOCARB1814, SOCARB1815, SOCARB1816, SOCARB1817, SOCARB1818, SOCARB2100, SOCARB2150, SOCARB2500, SOCARB2501, SOCARB2502, SOCARB2503, SOCARB2504, SOCARB2505, SOCARB2515, SOCARB2525, SOCARB2530, SOCARB2600, SOCARB3000, SOCARB3010, SOCARB3020, SOCARB3030, SOCARB3040, SOCARB4000, SOCARB4600, SOCARB4700, SOCARB4701, SOCARB5000, SOCARB5001, SOCARB5100, SOCARB5200, SOCARB5300, SOCARB5500, SOCARB5501, SOCARB5510, SOCARB5600, SOCARB5601, SOCARB5602, SOCARB5605, SOCARB5606, SOCARB5608, SOCARB5609, SOCARB5610, SOCARB5611, SOCARB5700, SOCARB5800, SOCARB5900, SOCARB6000, SOCARB6001, SOCARB6100, SOCARB6200, SOCARB6500, SOCARB6501, SOCARB6600, SOCARB6601, SOCARB6700, SOCARB7000, SOCARB7001, SOCARB7002, SOCARB7003, SOCARB8000, SOCARB8001, SOCARB8002, SOCARB8003, SOCARB8100, SOCARB8101, SOCARB9000, SOCARB9200, SOCARB9201, SOCARB9500, SOCARB9600, SOCARB9990, SOCARF1000, SOCARF1001, SOCARF1100, SOCARF2500, SOCARF3000, SOCARF4000, SOCARF5000, SOCARF5001, SOCARF5002, SOCARF5100, SOCARF5200, SOCARF9900, SODCAB1000, SODCAB1001, SODCAB1002, SODCAB1003, SODCAB1004, SODCAB1005, SODCAB1006, SODCAB1100, SODCAB1101, SODCAB1102, SODCAB1103, SODCAB1104, SODCAB1105, SODCAB1106, SODCAB1107, SODCAB1108, SODCAB1140, SODCAB1200, SODCAB1210, SODCAB1240, SODCAB2100, SODCAB2101, SODCAB2102, SODCAB2151, SODCAB2600, SODCAB2601, SODCAB2700, SODCAB2800, SODCAB2900, SODCAB2901, SODCAB3000, SODCAB3001, SODCAB3100, SODCAB3101, SODCAB3200, SODCAB3300, SODCAB3400, SODCAB3500, SODCAB3501, SODCAB3503, SODCAB3600, SODCAB3700, SODCAB3800, SODCAB3900, SODCAB3901, SODCAB3902, SODCAB4000, SODCAB4100, SODCAB4200, SODCAB4300, SODCAB4400, SODCAB5000, SODCAB5500, SODCAB5800, SODCAB5801, SODCAB5900, SODCAB5910, SODCAB6000, SODCAB6001, SODCAB6010, SODCAB6015, SODCAB6100, SODCAB6500, SODCAB6501, SODCAB6600, SODCAB6601, SODCAB6605, SODCAB7000, SODCAB7500, SODCAB7600, SODCAB8000, SODCAB8800, SODCAB9000, SODCAB9500, SODCAB9600, SODCAL1000, SODCAR0500, SODCAR0501,

SODCAR0502, SODCAR0503, SODCAR1000, SODCAR1001, SODCAR1002, SODCAR1003, SODCAR1004, SODCAR1005, SODCAR1006, SODCAR1007, SODCAR1008, SODCAR1009, SODCAR1010, SODCAR1100, SODCAR1101, SODCAR1200, SODCAR2000, SODCAR2001, SODCAR3000, SODCAR3001, SODCAR3100, SODCAR3300, SODCAR3400, SODCAR3500, SODCAR4000, SODCAR5000, SODCAR5001, SODCAR5500, SODCAR6500, SODCAR7000, SODCAR7500, SODCAR9000, SODCAR9500

Revision

Revision Date Key/Legend

22/08/2024 < Less Than

> Greater Than

AICS Australian Inventory of Chemical Substances

atm Atmosphere

CAS Chemical Abstracts Service (Registry Number)

cm² Square Centimetres CO2 Carbon Dioxide

COD Chemical Oxygen Demand

deg C (°C) Degrees Celcius

EPA (New Zealand) Environmental Protection Authority of New Zealand

deg F (°F) Degrees Farenheit

g Grams

g/cm³ Grams per Cubic Centimetre

g/I Grams per Litre

HSNO Hazardous Substance and New Organism **IDLH** Immediately Dangerous to Life and Health immiscible Liquids are insoluable in each other.

inHg Inch of Mercury inH2O Inch of Water

K Kelvin

kg Kilogram

kg/m³ Kilograms per Cubic Metre

Ib Pound

LC50 LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours. LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

Itr or L Litre

m³ Cubic Metre mbar Millibar

mg Milligram

mg/24H Milligrams per 24 Hours mg/kg Milligrams per Kilogram

mg/m³ Milligrams per Cubic Metre

Misc or Miscible Liquids form one homogeneous liquid phase regardless of the amount of either component present.

mm Millimetre

mmH20 Millimetres of Water

mPa.s Millipascals per Second

N/A Not Applicable

NIOSH National Institute for Occupational Safety and Health NOHSC National Occupational Heath and Safety Commission

OECD Organisation for Economic Co-operation and Development

Oz Ounce

PEL Permissible Exposure Limit

Pa Pascal

ppb Parts per Billion

ppm Parts per Million

ppm/2h Parts per Million per 2 Hours ppm/6h Parts per Million per 6 Hours

psi Pounds per Square Inch

R Rankine

RCP Reciprocal Calculation Procedure

STEL Short Term Exposure Limit

TLV Threshold Limit Value

tne Tonne

TWA Time Weighted Average

ug/24H Micrograms per 24 Hours

UN United Nations

wt Weight