

Safety Data Sheet

1. IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER

1.1 Product identifiers

Product name : SODIUM CARBONATE SOLUTION

1.2 Other means of identification

Soda Ash Solution

1.3 Recommended use of the product and restrictions on use

General chemical.

1.4 Details of supplier of the safety data sheet

Company : AGent Sales & Services Pty Ltd

Street address : 38 May Holman Drive, Bassendean, Western Australia 6054

Telephone : (+61 8) 6270 4500 / 1300 833 844

Fax : (+61 8) 6270 4544

1.5 Emergency telephone number

Telephone : 1800 995 539

2. HAZARDS IDENTIFICATION

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.**

2.1 GHS Classification

Hazardous mixture

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

: WARNING

Hazard statement(s)

H319 – Eye irritant (Category 2A)

Precautionary statement(s)

Prevention

P264

Wash hands thoroughly after handling.

P280

Wear protective gloves / protective clothing / eye protection / face protection.

Response

P301+P330+P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363

Wash contaminated clothing before re-use.

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/attention.

Storage

No storage statements.

Disposal

P501

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

Other hazards

None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS Number | Classification | Concentration (%) |
|------------------|------------|----------------|-------------------|
| Sodium carbonate | 497-19-8 | H319 | 10 - 30 |
| Water | 7732-18-5 | Not listed | Balance |

For the full text of the H-Statements mentioned in this section, see Section 16

4. FIRST AID MEASURES**4.1 Description of First Aid measures****General advice**

Contact the Poisons Information Centre (Phone: Australia 131 126; New Zealand 0800 764 766) or consult a doctor/physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If inhaled in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Remove contaminated clothing and wash affected areas with soap and running water for at least 15 minutes. Launder clothing before reuse.

In case of eye contact

In case of eye contact, check for and remove any contact lenses. Immediately rinse thoroughly with plenty of running water for at least 15 minutes, keeping eyelids open. If eye irritation persists, seek medical advice/attention.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in Section 2.2 and/or Section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

4.4 First Aid facilities

Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES**5.1 Suitable extinguishing media**

If material is involved in a fire use: Extinguishing media appropriate to surrounding fire conditions.

5.2 Special hazards arising from the chemical

Non-combustible material. No data available.

5.3 Special protective equipment and precautions for fire fighters

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

5.4 Hazchem code

None allocated

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapours, mist or gas.
For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. If contamination of sewers or waterways has occurred, advise local emergency services. Observe all local and national regulations.

6.3 Methods and materials for containment and cleaning up

Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour, mist and aerosol. Observe good personal hygiene, including washing hands before eating.

For precautions see Section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated place. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Not value assigned for this specific material by SWA.

Biological Limits

None allocated for this product.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment (PPE)

The selection of PPE is dependent 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.

Eye/face protection

Splash-proof goggles. See Australian Standards (AS/NZS 1336 & 1337).

Skin protection

Wear impervious gloves and protective clothing (splash apron or equivalent chemical impervious outer garment and rubber boots) appropriate for the risk of exposure. See Australian Standards (AS 2161 & 2919 and AS/NZS 2210).

Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use. Wash and dry hands.

Respiratory protection

Where risk assessment shows inhalation risk exists, wear a suitable mist respirator. See Australian Standards (AS/NZS 1715 & 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|--|
| Appearance: | Form : Liquid Colour : Clear to slightly cloudy |
| Odour: | None |
| Odour Threshold: | No data available |
| pH: | > 10.5 |
| Freezing Point: | No data available |
| Boiling Point/Range: | No data available |
| Decomposition Temperature: | No data available |
| Evaporation Rate: | No data available |
| Flash Point: | Not applicable |
| Flammability Limits: | Not applicable |
| Specific Gravity: | 1.2 |

| | |
|--------------------------------|-------------------|
| Vapour Density (air=1): | No data available |
| Vapour Pressure: | No data available |
| % Volatiles: | No data available |
| Solubility in water: | Miscible in water |

10. STABILITY AND REACTIVITY

10.1 Reactivity

Reacts with acids.

10.2 Chemical stability

Product is stable under normal conditions of use, storage and temperature

10.3 Possibility of hazardous reactions

Polymerisation is not expected to occur.

10.4 Conditions to avoid

Avoid contact with acids.

10.5 Incompatible materials

Incompatible with acids and aluminium.

10.6 Hazardous decomposition products

Oxides of carbon. Oxides of sodium.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity (STOT) - single exposure

No data available

Specific target organ toxicity (STOT) - repeated exposure

No data available

Aspiration hazard

No data available

Health Effects

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:

Eye contact : An eye irritant.

Skin contact : Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Ingestion : No adverse effects expected, however, large amounts may cause nausea and vomiting. May cause irritation to the mouth, throat and digestive tract.

Inhalation : Breathing in mists or aerosols may produce respiratory irritation.

11.2 Information on possible routes of exposure

The substance can be absorbed into the body by ingestion, inhalation of its vapour, mist or aerosol and skin contact.

11.3 Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Avoid contaminating waterways.

Toxicity to fish:

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods and containers

Ensure waste disposal conforms to relevant local, state and federal authority waste disposal regulations

14. TRANSPORT INFORMATION

Classified as **NON-DANGEROUS GOODS** by the criteria of the ADG Code for transport by road or rail.

Classified as **NON-DANGEROUS GOODS** by the criteria of the IMDG Code for transport by sea.

Classified as **NON-DANGEROUS GOODS** by the criteria of the IATA Code for transport by air.

| | |
|---|---------------------------|
| 14.1 UN number | None allocated |
| 14.2 Proper shipping name | SODIUM CARBONATE SOLUTION |
| 14.3 Transport hazard class | None allocated |
| 14.4 Packing group | None allocated |
| 14.5 Environmental hazards | No |
| 14.6 Special precautions for users | None allocated |
| 14.7 Hazchem code | None allocated |
| 14.8 Dangerous goods initial emergency response guide (SAA/SNZ HB76:2010) | None allocated |

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

None allocated

Carcinogen classification under WHS Regulations 2011, Schedule 10

Not listed

Notification status

AICS On the inventory, or in compliance with the inventory.

SECTION 16 OTHER INFORMATION

Key / legend to abbreviations and acronyms used in the MSDS

| | |
|------|---|
| ADG | Australian Dangerous Goods |
| ASCC | Australian Safety and Compensation Council |
| DEC | Department of Environment and Conservation |
| GHS | Globally Harmonised System of Classification & Labelling of Chemicals |

| | |
|-------|---|
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| NOHSC | National Occupational Health and Safety Commission |
| SUSDP | Standard for the Uniform Scheduling of Drugs and Poisons |
| RTECS | Registry of Toxic Effects of Chemical Substances. |
| SWA | Safe Work Australia |
| pH | Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline |

Full text of H-Statements referred to under sections 2 and 3.

H319 Serious eye damage/eye irritation

Literature references

“Workplace Exposure Standards for Airborne Contaminants, December 2011” by SWA Work Health and Safety Regulations 2011

“Registry of Toxic Effects of Chemical Substances”. Ed. D. Sweet, US Dept. of Health & Human Services: Cincinnati, 2012.

Reason(s) for Issue:

Update Contact Details
Revised Hazards Identification

Disclaimer

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