



Kraftkolour Pty Ltd
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THOMASTOWN Vic 3074
Tel: 1300 720 493
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SAFETY DATA SHEET

1. IDENTIFICATION OF THE CHEMICAL / MIXTURE AND THE SUPPLIER

1.1 Product identifiers

Product name: Sodium Carbonate – Soda Ash

Other means of identification

1.2 Soda Ash. Dense Soda Ash

Relevant identified uses of the substance or mixture and uses advised against

1.3 Identified Uses : Alkaline donor. Used in textile dyeing **Details of the supplier of the safety data sheet**

1.4 Company : Kraftkolour Pty. Ltd.
Fact 2, 99 Heyington Ave
THOMASTOWN Vic 3074
AUSTRALIA

Telephone : 03 9460 6432

Fax :

Emergency telephone number

1.5 Emergency Phone # :

2. HAZARDS IDENTIFICATION

2.1 GHS Classification

Eye irritation (Category 2)

2.2 GHS Label elements, including precautionary statements Pictogram



Signal word Warning

Hazard statement(s)

H319 Causes serious eye irritation.

Precautionary statement(s)

Prevention

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ 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/ attention.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	:	Soda ash
Formula	::	CNa ₂ O ₃
Molecular Weight CAS-No.	:	105.99 g/mol
EC-No.	:	497-19-8
Index-No.	:	207-838-8
Component		011-005-00-2

Sodium carbonate	Classification Eye Irritant. 2; H319	Concentration -
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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

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed: no data available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture: Carbon oxides, Sodium oxides

5.3 Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions: Do not let product enter drains

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. hygroscopic

7.3 Specific end use(s)

A part from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters Occupational Exposure Limits

We are not aware of any national exposure limit.

8.2 Exposure controls Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. 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 in accordance with applicable laws and good laboratory practices.

Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124

Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a) Appearance Form: powder Colour: white
- b) Odour no data available
- c) Odour Threshold no data available
- d) pH 12 at 106 g/l at 25 °C
- e) Melting point/freezing Melting point/range: 851 °C - lit. point
- f) Initial boiling point and no data available boiling range
- g) Flash point no data available
- h) Evaporation rate no data available
- i) Flammability (solid, gas) no data available
- j) Upper/lower no data available flammability or explosive limits
- k) Vapour pressure no data available
- l) Vapour density no data available
- m) Relative density 2.532 g/cm³
- n) Water solubility 106 g/l at 20 °C - completely soluble
- o) Partition coefficient: n- no data available octanol/water
- p) Auto-ignition Temp no data available

- q) Decomposition no data available temperature
- r) Viscosity no data available
- s) Explosive properties no data available
- t) Oxidizing properties no data available

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

10.1 **Reactivity** no data available

10.2 **Chemical stability** hygroscopic
Stable under recommended storage conditions.

10.3 **Possibility of hazardous reactions** no data available

10.4 **Conditions to avoid** Exposure to moisture.

10.5 **Incompatible materials** Strong acids

10.6 **Hazardous decomposition products**

Other decomposition products - no data available In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects Acute toxicity

LD50 Oral - rat - 4,090 mg/kg

LC50 Inhalation - rat - 2 h - 5,750 mg/l

Skin corrosion/irritation

Skin - rabbit

Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation

Eyes - rabbit

Result: Eye irritation - 24 h

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 - single exposure no data available

Specific target organ toxicity - repeated exposure no data available

Aspiration hazard no data available

Additional Information RTECS: VZ4050000 burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 300 mg/l - 96 h

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 265 mg/l - 48 h other aquatic invertebrates

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 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects no data available**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.**14. TRANSPORT INFORMATION****14.1 UN number**

ADR/RID: -

IMDG: -

IATA-DGR: -

14.2 UN proper shipping name ADR/RID:

Not dangerous goods

IMDG: Not dangerous goods

IATA-DGR: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA-DGR: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA-DGR: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: NO

IATA-DGR: no

14.6 Special precautions for user no

data available

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Standard for the Uniform Scheduling of Medicines and Poisons** Schedule 6**Carcinogen classification under WHS Regulation 2011, Schedule 10** Not listed**Notification status**

AICS:	On the inventory, or in compliance with the inventory
DSL:	All components of this product are on the Canadian DSL.
ENCs:	On the inventory, or in compliance with the inventory
IECSC:	On the inventory, or in compliance with the inventory
ISHL:	On the inventory, or in compliance with the inventory
KECI:	On the inventory, or in compliance with the inventory
NZIoC:	On the inventory, or in compliance with the inventory
PICCS:	On the inventory, or in compliance with the inventory

16. OTHER INFORMATION**Full text of H-Statements referred to under sections 2 and 3.**

Eye Irrit.	Eye irritation
H319	Causes serious eye irritation.

Further information**MSDS source: Sigma Aldrich Co LLC, Orica**

This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Kraftkolour P/L cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the intended application. Kraftkolour P/L will not be responsible for damages of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those implied by Commonwealth, State or Territory Legislation.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization, given or implied, to practice any patented invention without a valid license.

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Date of MSDS preparation: Feb 2018

