



QINGDAO KINGNOD GROUP CO.,LTD.

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MATERIAL SAFETY DATA SHEET

< Soda Ash >

1. CHEMICALS AND COMPANY IDENTIFICATION

Product Name: Sodium Carbonate

COMMERCIAL PRODUCT NAME: Soda Ash

H.S.CODE : 28362000

Company: QINGDAO KINGNOD GROUP CO.,LTD.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization : Na_2CO_3

Molecular Weight : 105.99

3. HAZARD IDENTIFICATION

Harzards identification irritating to eyes.

4. FIRST AID MEASURES

Symptoms and Effects : Irritating to eyes.

Skin : Remove all contaminated clothing immediately.

Wash off with plenty of water.

Eyes : Rinse immediately and as long as possible with plenty of water.

Ingestion : Rinse mouth.

5. FIRE FIGHTING MEASURES

The product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions : No special environmental precautions.

Methods for Cleaning up : Sweep up and shovel.

7. HANDLING AND STORAGE

Handing : Avoid dust formation

Shelf Life: 36 month (in dry and hermetic condition)

Storage Requirements : Store in a dry place.

Do not store together with acids.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Hand : Wear suitable gloves

Eye : Safety goggles

Skin and body : Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Granules

Colour : White

Odour : Odourless

Boiling Point/Range : 1570 °C melting

Point/Range : 845 °C

Flash Point : N.

App. Flammability : N. FLA.

Autoignition Temperature : N. APP.

Explosive Properties : None known

Explosion Limits : N. APP.

Oxidizing Properties : None known

Vapour Pressure : N. AVA.

Density : 1750 KG/CBM (20 °C)

Bulk Density : 726 KG/CBM

Solubility in Water : 332 G/L (35.4°C)

Solubility in Other Solvents : Not available

PH Value : 11.7 (in 111 G/L water, at 20°C)

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.

Condition to Avoid : Reacts strongly with acids to form carbon dioxide.

Contact with lime and moisture form caustic soda.

Materials to Avoid : Aluminium and Zinc.

Hazardous Decomposition Products : Toxic fumes of Na₂O

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50 Rat : 2800 MG/KG (LIT)

Inhalation IC50 Rat : 3940 MG/L (2 hours) MAX.

Attainable Concentration Irritation Eye : Irritating to eye

12. ECOLOGICAL INFORMATION

Ecotoxicity Fate Degradation Abiotic: The product increases the PH
(water, soil).

13. WASTE DISPOSAL

Product: Waste disposal in accordance with regulations contaminated

Packageing: Waste disposal in accordance with regulations, contact the manufacturer about recycling.

14. TRANSPORT INFORMATION

LAND TRANSPORT

Adr Class : Not restricted

Adr Class: Not relevant

Rid Class : Not restricted D

Rid Class: Not relevant

Hazard Identification NO. : None

Substance Identification NO. : None

TREM-CARD : Not relevant

UN NO. : None

Proper Shipping Name : Not restricted

SEA TRANSPORT

UN NO.: None

Class : Not relevant

Packing Group: None

EMS : Not

Relevant MFAG : Not relevant

Proper Shipping Name : Not restricted

AIR TRANSPORT

ICAD : Not restricted

15. REGULATORY INFORMATION

This product is not a hazardous article and need not be labelled

16. OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.
