

SAFETY DATA SHEET

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Catalogue No: 30121

ID No.: 1024000

Product name: Sodium carbonate anhydrous GPR

Manufacturer/supplier identification

Company: 12 Valentine Place
London SE1 8QH

Emergency telephone No.:

2. Composition/information on ingredients

Chemical characterization

Inorganic salt

Product name: Sodium carbonate anhydrous

CAS number: 497-19-8

EEC-No.: 207-838-8

3. Hazards identification

Irritating to eyes.

4. First aid measures

Eye contact: Irrigate thoroughly with water. If discomfort persists obtain medical attention.

Inhalation: Remove from exposure.

Skin contact: Wash off thoroughly with soap and water.

Ingestion: Wash out mouth thoroughly with water. In severe cases obtain medical attention.

5. Fire-fighting measures

Special risks:

Not applicable.

Suitable extinguishing media:

Not applicable

6. Accidental release measures

Wear appropriate protective clothing.

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. Handling and storage

Handling:

Storage:

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

8. Exposure controls/personal protection

As appropriate to quantity handled.

Respirator: Dust respirator

Ventilation: Extraction hood

Gloves: Rubber or plastic

Eye Protection: Goggles or face-shield

Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

9. Physical and chemical properties

Form:	powder
Colour:	white
Odour:	odourless
Melting temperature	851°C
Boiling temperature	n/a
Density (g/ml)	n/a
Vapour pressure	n/a
- Density	n/a
pH value	11.5 (50g/l H ₂ O)
Solubility in water	Very soluble
Flash point	n/a
Explosion limits:	lower: n/a
Ignition temperature	n/a

10. Stability and reactivity

Stable.

Substances to be avoided

aluminium, alkaline earth metals in powder form, organic nitro compounds, fluorine, alkali metals, nonmetallic oxides, conc. sulfuric acid.

11. Toxicological information

Strongly corrosive substance.

After skin contact: Irritation.

After eye contact: Irritation.

After inhalation of dust: Irritation symptoms in the respiratory tract.

After ingestion of large amounts: diarrhoea, nausea, vomiting, spasms.

Further data

LD50 4090 mg/kg oral, rat.

LC50 2.3 mg/l inhalation, rat.

No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

12. Ecological information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention. Harmful effect due to pH shift.

13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

14. Transport information

UN-No.:

IMO: NR

IATA: NR

Correct technical name: NOT-RESTRICTED

ADR/RID: NR

IMDG class: NR

Packaging group:

Packaging group:

15. Regulatory information

Labelling according to EEC directives

Symbol: Xi Irritant.

R-phrases: R36

Irritating to eyes.

S-phrases: S22-26

Do not breathe dust. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

EEC-No.: 207-838-8

Local Regulations

UK Exposure Limits: None assigned