



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 16125
Product Name : STRONTIUM CARBONATE

Manufacturer/supplier identification
Company : NICE Chemicals (P) Ltd., Cochin, India
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Carbonic acid strontium salt

CAS-No. : 1633-05-2
EC-No.: 216-643-7
Molar mass : 147.63
Molecular formula: $\text{CO}_3 \text{Sr}$

3. HAZARDS IDENTIFICATION

No evaluative data are available. A classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned can therefore not be made.

4. FIRST AID MEASURES

After inhalation : Fresh air.

After skin contact : Wash off with plenty of water
Remove contaminated clothing.

After eye contact : Rinse out with plenty of water.

After swallowing : Make victim drink plenty of water, induce vomiting, summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water, CO_2 , foam, powder.

Special risks : No information available

Other information : Non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Person - related precautionary measures :
Avoid generation of dusts; do not inhale dusts.

Procedure for cleaning/absorption : Take up dry. Forward for disposal. Clean up effected area.



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7. HANDLING AND STORAGE

Handling - No further requirements.
Storage - Tightly closed. Dry.
Storage temperature : No restrictions

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.
Eye Protection : Required
Hand Protection : Required
Industrial hygiene : Change contaminated clothing.
Wash hands after working substance.

9. PHYSICAL AND CHEMICAL PROPERTIES :

Form	:	Solid
Colour	:	White
Odour	:	Odourless
pH value at 50g/l H ₂ O (20° C)	:	~5 (slurry)
Melting temperature	:	1497° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits Lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	~3.7 g/cm ³
Bulk density	:	~750 kg/m ³
Solubility in water (20° C)	:	Almost insoluble
Inorganic acids (20° C)	:	Soluble

10. STABILITY AND REACTIVITY

Conditions to be avoided : Strong heating
Substances to be avoided : No information available
Hazardous decomposition products : No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity :
Quantitative data on the toxicity of this product are not available.

Further toxicological information:
We have no description of any toxic symptoms.
Hazardous properties cannot be excluded, but are relatively improbable
due to the compound's poor water solubility.

The following applies to strontium compounds in general : Only slightly
absorbable via the gastrointestinal tract.



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Further data : The product should be handled with the care usual when dealing with chemicals.

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12. ECOLOGICAL INFORMATION

Ecotoxic effects : Quantitative data on the ecological effect of this product are not available.

Further ecologic data : The following applies to strontium compounds in general : toxic for aquatic organisms : fish : Salmo toxic from 1 mg/l up; lethal from 1500 mg/l up in 2 weeks, from 10 g/l up in 1 day; nourishment for fish : toxic from 3500 mg/l up (values calculated as Sr).

No ecological problems are to be expected when the product is handled and used with due care and attention.

13. DISPOSAL METHOD

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like house-hold waste or recycled.

There are no uniform EC regulation for the disposal of chemical or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : -----
R-phrases : -----
S-phrases : -----

German regulations:

Water pollution class : 0 (generally nonpolluting substance)

16. OTHER INFORMATION

Reason for alteration

Change in labeling.

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.