



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : C 15229
Product Name : CALCIUM FLUORIDE

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 Telefax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No. : 7789-75-5
Molar mass : -----
EC –No. : 232-188-7
Molecular formula : CaF₂

3. HAZARDS IDENTIFICATION

According to the evaluative data available a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the concerned is not required.

4. FIRST AID MEASURES

After skin contact : Wash off with water.
After eye contact : Rinse out with plenty of water with the eyelid held wide open.



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After inhalation : Fresh air.

After swallowing (large amounts) : Consult doctor if feeling unwell.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.

Special risks: Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire : hydrogen fluoride, fluorine.

6. ACCIDENTAL RELEASE MEASURES

Take up dry. Forward for disposal. Clean up effected area

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Store tightly closed and dry at room temperature (+15 °C to + 25 °C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : Required when dusts are generated.



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Eye protection : Required
Hand protection : Required
industrial hygiene : Change contaminated clothing.
Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid
Colour : White
Odour : Odourless
PH value at 100g/l H₂O (20° C) : Near 4 (slurry)
Melting temperature: 1418 ° C
Boiling temperature : 2513 ° C
Ignition temperature : Not available
Flash point : Not available
Explosion limits lower : Not available
Upper : Not available
Relative vapour density : Not available
Density (20 ° C) : 3.18 g/cm³
Bulk density : Near 350-450 kg/m³
Solubility in water(20°C) : Almost insoluble

10. STABILITY AND REACTIVITY

Conditions to be avoided :No information available

Substances to be avoided: With acids formation of: Hydrogen fluoride.

Hazardous decomposition products : No information available.



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11. TOXICOLOGICAL INFORMATION

Since the substance is poorly absorbed, no hazardous properties are to be anticipated .

12. ECOLOGICAL INFORMATION

No ecological problems are to be expected when the product is handles and used with due care and attention. The following applies to inorganic fluorides in general: biological effects: fish: L.idus LC₅₀ 50 660 mg/l; bacteria: Ps. Putida toxic as from 231 mg/l ; Algae: Sc.quadricauda toxic as from 249 mg/l ;protozoa: E.sulcatum toxic as from 101 mg/l ; U. paroduczi toxic as from 71 mg/l (all values as NaF). Hazard from drinking water.

13. DISPOSAL METHOD

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations . We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

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

14. TRANSPORT INFORMATION : No subject to transport regulations.



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15. REGULATORY INFORMATION :

Labelling according to EC Directives

Symbol : -----
R-phrases : -----
S-phrases : -----
Water pollution class : 0 (generally non-polluting substance)

16. OTHER INFORMATION

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