



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : C 18929  
Product Name : Calcium hydrogen phosphate.

#### 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

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 7757-93-9  
Molecular formula :  $\text{H CaO}_4 \text{P}$   
EC-No. : 231-826-1  
Molar mass : 136.06

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### 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 country concerned is not required

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### **4. FIRST AID MEASURES**

After skin contact : wash off with plenty of water .

After eye contact : rinse out with plenty of water with eyelids held open .

After swallowing : make victim drink plenty of water. Induce vomiting. Summon doctor if feeling unwell

After inhalation: fresh air.

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### **5. FIRE – FIGHTING MEASURES**

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

Special risks : Non combustible.

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### **6.ACCIDENTAL RELEASE MEASURES**

Procedures for cleaning / absorption :

take up dry. Forward for disposal. Cleanup affected area.

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

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### **7. HANDLING AND STORAGE**

Handling : No further requirements.

Storage : Tightly closed . dry

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### 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated .

Eye protection : required

Hand protection : required

Protective clothing should be selected for the working place depending on concentration and quantity of the hazardous substance handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier

Industrial hygiene : Change contaminated clothing . Wash hands after working with substance .

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : solid

Colour : white

Odour : odourless

Melting temperature: not available

Boiling temperature : not available

pHvalue at 50g/l H<sub>2</sub>O(25<sup>0</sup>C): Not available

Ignition temperature: Not available

Flash point : not applicable

Explosion limits lower: Not available

Upper : Not available

Relative vapour density : Not available

Density (20<sup>0</sup> C ) : Not available

Bulk density : ~ 900/m<sup>3</sup>

Solubility in water( 20<sup>0</sup>C) : 0.1 g/l

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### 10. STABILITY AND REACTIVITY

Conditions to be avoided : when heated strongly.

Substance to be avoided: no information available.

Hazardous decomposition products : no information available

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### 11. TOXICOLOGICAL INFORMATION

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

Further data: hazardous properties cannot be excluded, but are relatively improbable due to the compounds poor water solubility.

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### 12. ECOLOGICAL INFORMATION

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

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

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### 13. DISPOSAL METHOD

Product : 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 .



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Packaging : 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.

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**14. TRANSPORT INFORMATION** : not subject to transport regulations.

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### **15. REGULATORY INFORMATION**

Labelling according to EC Directives

Symbol :

R- Phrases :

S-phrases :

Water pollution class : 1 (slightly polluting)

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### **16. OTHER INFORMATION**

Reason for alteration

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.

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