



## SAFETY DATA SHEET

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

Catalogue No. : B43329  
Product Name : **BUFFER SOLUTION pH 7.2**

*Manufacturer / supplier identification*

Company : NICE CHEMICALS PVT.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

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Aqueous hydrochloric acid solution .

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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 water.  
After eye contact : Rinse out with plenty of water with the eyelid held wide open.  
After swallowing : make the victim drink plenty of water , induce vomiting.  
Summon doctor if feeling unwell.

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### 5. FIRE – FIGHTING MEASURES

Suitable extinguishing media

In adaption to materials stored in the immediate neighbourhood . Contained escaping vapours with water.

Special risks : Non-Combustible.

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### 6. ACCIDENTAL RELEASE MEASURES

Take up with liquid-absorbent material . Forward for disposal. Rinse away remainder with water.

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### 7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed, at room temperature (recommendation: +15<sup>0</sup>C to +25<sup>0</sup>C).

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

*Personal protective equipment*

Respiratory protection : required when vapours/aerosols are generated.

Eye protection : required

Hand protection : required

Industrial hygiene : Change contaminated clothing.

Wash hands after working with substance.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid  
Colour : colourless  
Odour : odourless  
PH value at g/l H<sub>2</sub>O (20<sup>0</sup>C): 2.0  
Melting temperature : Not available  
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<sup>0</sup>C): 1.00 g/ cm<sup>3</sup>  
Solubility in water(20<sup>0</sup>C) : Soluble

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### 10. STABILITY AND REACTIVITY

*Conditions to be avoided* : No information available  
*Substance to be avoided* : with metals  
*Hazardous decomposition products* : No information available.

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### 11. TOXICOLOGICAL INFORMATION

Quantitative data on the toxicity of this product are not available. Property which must be anticipated on the basis of the chemical/physical data: irritations of : eyes and mucous membrane.

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### 12. ECOLOGICAL INFORMATION:

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 that you corresponding laws and regulations. We recommend contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

#### *Packaging*

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 household waste or recycled.

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**14. TRANSPORT INFORMATION** : No subject to transport regulations.

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### 15. REGULATORY INFORMATION

*Labelling according to EC Directives*

Symbol: -----

R-phrases: -----



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S-phrases: -----

Water pollution class : 1 (slightly polluting substance) (own classification)

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### 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.*

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