



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : B43529
Product Name : **BUFFER SOLUTION pH 8.0**

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

Aqueous hydrochloric acid solution .

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.

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.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed, at room temperature (recommendation:+15⁰C to +25⁰C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when vapours/aerosols are generated.

Eye protection : required

Hand protection : required



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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Colour : colourless
Odour : odourless
PH value at g/l H₂O (20⁰C): 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 (20⁰C): 1.00 g/ cm³
Solubility in water(20⁰C) : Soluble

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.

12. ECOLOGICAL INFORMATION

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

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.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol: -----

R-phrases: -----

S-phrases: -----

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

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.
