



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : U 20471
Product Name : URIC ACID REAGENT
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

CAS-No : 504-17-6 EC Index No. : -----
Molar mass : 144.15
Molecular Formula : C₄H₄N₂O₂S EC –No. : 207-985-8

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 plenty of water . Remove contaminated clothing.
After eye contact : Rinse out with plenty of water with the eyelid held wide open.
After swallowing : Make victim drink plenty of water, induce vomiting ,
summon doctor.
After inhalation (particles, dusts) : Fresh air.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Water, powder, foam.
Special risks : Combustible. Formation of hazardous combustion gases or vapours possible in event of fire. The following may develop in event of fire: sulfur oxides, nitrogen oxides.

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 PROTECTIVE EQUIPMENT

personal protection Respiratory protection : Required when dusts 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	:	Solid
Colour	:	White
Odour	:	Unpleasant
pH value at 10 g/l H ₂ O (20°C)	:	Near 1.7-1.9
Melting temperature	:	235° 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	:	Not available
Bulk density	:	Near 210 kg/m ³
Solubility in water (20°C)	:	Spairingly soluble
Water (95°C)	:	50 g/l
Thermal decomposition	:	above melting point

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

The data available to us do not suffice to permit any industrial- toxicological assessment . Property which must be anticipated on the basis of the chemical /physical data:
After skin contact : Irritations .
After eye contact : Irritations.
After swallowing : Irritations of mucous membranes in the mouth, pharynx, oesophagus & gastrointestinal tract . When dusts are generated:
After inhalation : Irritations of the mucous membranes, coughing, and dyspnoea.
The product should be handled with the care usual when dealing with chemicals.
LD₅₀ (i.p., mouse) : 600 mg/kg.

12. ECOLOGICAL INFORMATION:

Harmful effect due to pH shift. Do not allow to enter waters, waste water, or soil



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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 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

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : -----

R- Phrases : -----

S-phrases : -----

Water pollution class : -----

16. OTHER INFORMATION

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.
