



## SAFETY DATA SHEET

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

Catalogue No. : E 25704  
Product Name : EDTA –CAUSTIC SODA POWDER

#### 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

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### EDTA DISODIUM SALT & CAUSTIC SODA

CAS-No : EC-Index No. : ----  
EC-No. :

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**3. HAZARDS INDEX** : No hazardous product as specified in Directive 67/548/EEC

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**4. FIRST AID MEASURES** : After inhalation : fresh air.  
After skin contact : wash off with plenty of water.  
Remove contaminated clothing.  
After eye contact : rinse out with water.  
After swallowing : make victim drink plenty of water. Call in  
physician.

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**5. FIRE-FIGHTING MEASURES** : Suitable extinguishing media: Water,CO2,foam, powder

Special risks : Combustible. Formation of hazardous combustion gases or vapours possible in event of fire.

Special protective equipment for fire fighting :

Do not stay in dangerous zone without self-contained breathing apparatus.

Other information : Prevent fire-fighting water from entering surface water or groundwater.

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

Person - related precautionary measures : Avoid inhalation of dusts.

Environmental-protection measures : Do not allow to enter sewerage system.

Procedures for cleaning/absorption : Take up dry. Forward for disposal.

Clean up affected area.. Avoid generation of dusts.

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**7. HANDLING AND STORAGE** : Handling - No further requirements.

Storage - Tightly closed. Dry. At +15° C to +25° C.

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### **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Respiratory protection : required when dust are generated.

Eye Protection : required

Hand Protection : required



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

Industrial hygiene : Wash hands after working with substance.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Powder
Colour	:	White
Odour	:	Odourless
pH value at 50 g/l H <sub>2</sub> O(20° C)	:	10
Melting temperature	:	-
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not available
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Bulk Density	:	-
Solubility in Water (20° C)	:	Soluble

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### 10. STABILITY AND REACTIVITY

Substances to be avoided : Strong heating  
Conditions to be avoided : Strong oxidizing agents, aluminium, nickel,  
zinc, copper, copper alloys.  
Hazardous decomposition products : No information available  
Further information : Releases water of crystallization when heated.

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**11. TOXICOLOGICAL INFORMATION** : Acute toxicity : LD<sub>50</sub> : (oral, rat) : >2000  
mg/kg (anhydrous substance)

Further toxicological information :

After eye contact : slight irritation symptoms.  
After swallowing : harmful; slow absorption, disturbed

electrolyte balance.

Further data : Further hazardous properties cannot be excluded. The  
product should be handled with the care usual when dealing with  
chemicals.

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**12. ECOLOGICAL INFORMATION** : Biologic degradation : Biologically not readily  
degradable.

Ecotoxic effects : Biological effects : Fish toxicity : L.macrochirus LC<sub>50</sub> : 159 mg/lt./96 h  
(anhydrous substance) Bacterial toxicity : Ps.putida EC<sub>50</sub> : 56 mg/lt./8 h (anhydrous substance)

Further ecologic data : Do not allow to enter waters, waste water, or soil !

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### 13. DISPOSAL METHOD

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 house-hold waste or recycled. There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

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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 : ---- ----

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### 16. OTHER INFORMATION

Change in labelling.

Change in the chapter on toxicology.

Change in the chapter on ecology.



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General update.

Regional representation : This information is given on the authorised  
Safety Data Sheet for your country.

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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