



# SAFETY DATA SHEET

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

Catalogue No. : S 75005  
Product Name : SODIUM TETRAPHENYL BORON  
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

Synonyms : Sodium tetraphenyl boron

CAS-No : 143-66-8 EC Index No. : -----  
Molar mass : 342.23  
Molecular Formula :  $C_{24}H_{20}BNa$  EC -No. : 205-605-5

## 3. HAZARDS IDENTIFICATION :

No evaluative data are 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 can therefore not be made . In this context, hazardous properties can therefore not be excluded.

## 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 plenty of water with the eyelid held wide open.  
After swallowing : Make victim drink plenty of water , induce vomiting. Summon doctor if feeling unwell.

## 5. FIRE – FIGHTING MEASURES :

Suitable extinguishing media : Water, foam.  
Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the 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 ground water.

## 6. ACCIDENTAL RELEASE MEASURES: Person-related precautionary measures : Avoid generation of dusts ; do not inhale 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.

## 7. HANDLING AND STORAGE:

Handling : No further requirements.  
Storage : Tightly closed . Dry. At +15°C to + 25 °C.

## 8. EXPOSURE CONTROLS /

PERSONAL PROTECTION : Personal protective equipment  
Respiratory protection : Required when dusts are generated.  
Eye protection : Required



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Hand protection : Not required

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid.
Colour	:	White
Odour	:	Phenol-like
pH value at 50 g/l H <sub>2</sub> O (20°C)	:	8
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	:	Not available
Bulk density	:	500 kg/m <sup>3</sup>
Solubility in water (20°C)	:	Soluble
Acetone(20°C)	:	Soluble

**10. STABILITY AND REACTIVITY :** Conditions to be avoided : Strong heating.  
Substance to be avoided : No information available.  
Hazardous decomposition products : No information available.

11. Toxicological Information: Acute toxicity : Quantitative data on the toxicity of this product are not available.  
Further toxicological information : hazardous properties cannot be excluded.  
Further data : The product should be handled with the care usual when dealing with chemicals.

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

Further ecologic data : A harmful effect on aquatic organisms cannot be excluded in the event of improper handling or disposal. Do not allow to enter waters, waste water, or soil !

**13. DISPOSAL METHOD :** There are no uniform EC regulations for the disposal of chemicals or residues.



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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 : 3 (highly polluting substance) (provisional 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.