



## MATERIAL SAFETY DATA SHEET

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Tetraphenylboron sodium, p.a.

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** Tetraphenylboron sodium, p.a.

**Catalog Numbers:**

S098

**Synonyms:**

Sodium tetraphenylborate

**Company Identification:**

LEONID CHEMICALS

62/A-2 2nd Stage, Industrial Suburb

Yeshwanthpur, Bangalore -22, INDIA

Ph- +91-80-23378354

### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS# : 143-66-8  
Chemical Name : Tetraphenylboron sodium  
% :  
EINECS# : 205-605-5  
Haz Symbols : XN  
Risk Phrases : 22

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Harmful if swallowed. Light sensitive.

#### Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion:

Harmful if swallowed. May cause irritation of the digestive tract.

Inhalation:

May cause respiratory tract irritation. May be harmful if inhaled.

Chronic:

Not available.

### SECTION 4 - FIRST AID MEASURES



**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

**Skin:**

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:**

Get medical aid. Wash mouth out with water.

**Inhalation:**

Remove from exposure and move to fresh air immediately.

**Notes to Physician:**

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## SECTION 5 - FIRE FIGHTING MEASURES

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**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:**

Use water spray, dry chemical, carbon dioxide, or chemical foam.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Vacuum or sweep up material and place into a suitable disposal container.

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## SECTION 7 - HANDLING and STORAGE

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**Handling:**

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

**Storage:**

Store in a cool, dry place. Store in a tightly closed container.

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## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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**Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Personal Protective Equipment**

**Eyes:**

Wear chemical goggles.

**Skin:**

Wear appropriate protective gloves to prevent skin

exposure.

**Clothing:**

Wear a chemical apron.

**Respirators:**

A NIOSH/MSHA approved air purifying dust or mist respirator or European Standard EN 149.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Physical State: Crystalline powder

Color: white

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: > 300 deg C

Autoignition Temperature: Not available.

Flash Point: Not available.

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature:

Solubility in water: Slightly soluble.

Specific Gravity/Density:

Molecular Formula: C<sub>24</sub>H<sub>20</sub>BNa

Molecular Weight: 342.21

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## SECTION 10 - STABILITY AND REACTIVITY

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**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Incompatible materials, light.

**Incompatibilities with Other Materials:**

Strong oxidizing agents, bases, acids.

**Hazardous Decomposition Products:**

Carbon monoxide, carbon dioxide, oxides of boron.

Hazardous Polymerization: Will not occur.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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**RTECS#:**

CAS# 143-66-8: ED3362500

**LD50/LC50:**

CAS# 143-66-8: Oral, rat: LD50 = 288 mg/kg.

**Carcinogenicity:**

Tetraphenylboron sodium -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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Dispose of in a manner consistent with federal, state, and local regulations.

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**SECTION 14 - TRANSPORT INFORMATION**

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IATA  
No information available.  
IMO  
No information available.  
RID/ADR  
No information available.

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**SECTION 15 - REGULATORY INFORMATION**

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European/International Regulations  
European Labeling in Accordance with EC Directives  
Hazard Symbols: XN  
Risk Phrases:  
R 22 Harmful if swallowed.  
Safety Phrases:  
WGK (Water Danger/Protection)  
CAS# 143-66-8: No information available.  
United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada  
CAS# 143-66-8 is listed on Canada's DSL List.  
CAS# 143-66-8 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA  
CAS# 143-66-8 is listed on the TSCA inventory.

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**SECTION 16 - ADDITIONAL INFORMATION**

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MSDS Creation Date: 7/16/1996 Revision #1 Date: 3/04/2002

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