

## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006  
GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

**Product Number:** S0032  
**Product name:** Sodium tetra(p-tolyl)borate  
**CAS Registry Nr:** 15738-23-5

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against Identified uses:

Laboratory chemicals, Manufacture of substances.

#### 1.3 Details of the supplier of the safety data sheet Company

Chemodex Ltd  
Lindenstrasse 77  
CH - 9000 St. Gallen  
Switzerland, Europe  
**Tel:** +41 71 244 48 25  
**Fax:** +41 71 244 48 26  
**eMail:** info@chemodex.com

#### 1.4 Emergency telephone number

+41 44 251 5151 (Tox Zentrum, CH)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
This substance is not classified as dangerous according to Directive 67/548/EEC.

#### 2.2 Label elements

Caution - substance not yet tested completely.

#### 2.3 Other hazards

None.

### SECTION 3: Composition/information on ingredients

**Product name:** Sodium tetra(p-tolyl)borate  
**Synonyms:** Sodium tetrakis(4-methylphenyl)borate  
Tetra(p-tolyl)boron sodium

**Formula :** C<sub>28</sub>H<sub>28</sub>BNa  
**CAS-No.:** 15738-23-5  
**Molecular Weight.:** 398,32 g/mol

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

#### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### **In case of skin contact**

Wash off with soap and plenty of water.

#### **In case of eye contact**

Flush eyes with water as a precaution.

#### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

### **4.2 Most important symptoms and effects, both acute and delayed**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### **4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **5.2 Special hazards arising from the substance or mixture**

Carbon oxides, Borane/boron oxides, Sodium oxides.

### **5.3 Advice for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

### **5.4 Further information**

No data available.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapors, mist or gas.

### **6.2 Environmental precautions**

Do not let product enter drains.

### **6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### **6.4 Reference to other sections**

For disposal, see section 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.  
Hygroscopic.

### 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Components with workplace control parameters

### 8.2 Exposure controls

**Appropriate engineering controls:** General industrial hygiene practice.

### Personal protective equipment

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) <b>Appearance:</b>	<b>Form:</b> solid
b) <b>Odour:</b>	No data available
c) <b>Odour Threshold:</b>	No data available
d) <b>pH:</b>	No data available
e) <b>Melting point/freezing point:</b>	No data available
f) <b>Initial boiling point and boiling range:</b>	No data available
g) <b>Flash point:</b>	No data available
h) <b>Evaporation rate:</b>	No data available
i) <b>Flammability (solid, gas):</b>	No data available
j) <b>Upper/lower flammability or explosive limits:</b>	No data available
k) <b>Vapour pressure:</b>	No data available
l) <b>Vapour density:</b>	No data available
m) <b>Relative density:</b>	No data available
n) <b>Water solubility:</b>	No data available

o) <b>Partition coefficient (n-octanol/water):</b>	No data available
p) <b>Auto-ignition temperature:</b>	No data available
q) <b>Decomposition temperature:</b>	No data available
r) <b>Viscosity:</b>	No data available
s) <b>Explosive properties:</b>	No data available
t) <b>Oxidizing properties:</b>	No data available

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No data available.

### **10.2 Chemical stability**

No data available.

### **10.3 Possibility of hazardous reactions**

No data available.

### **10.4 Conditions to avoid**

No data available.

### **10.5 Incompatible materials**

Strong oxidizing agents.

### **10.6 Hazardous decomposition products**

Other decomposition products-No data available

## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

**Acute toxicity:** No data available

**Skin corrosion/irritation:** No data available

**Serious eye damage/eye irritation:** No data available

**Respiratory or skin sensitisation:** No data available

**Germ cell mutagenicity:** No data available

### **Carcinogenicity**

**IARC:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity:** No data available

**Specific target organ toxicity-single exposure:** No data available

**Specific target organ toxicity-repeated exposure:** No data available

**Aspiration hazard:** No data available

### **Potential health effects**

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

**Ingestion** May be harmful if swallowed.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.  
**Eyes** May cause eye irritation.

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### Additional Information

**RTECS:** Not available

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available.

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

#### Contaminated packaging

Dispose of as unused product.

## SECTION 14: Transport information

### 14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### 14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

### 14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

#### 14.5 Environmental hazards

ADR/RID : no

IMDG Marine pollutant: no

IATA: no

#### 14.6 Special precautions for user

No data available.

### SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

#### 15.2 Chemical Safety Assessment

No data available.

### SECTION 16: Other information

#### Further information

Copyright 2013 Chemodex SA. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but shall not be taken as being all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Chemodex SA and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.chemodex.com](http://www.chemodex.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.