



**6878 Boron \*standard dissolved in ammonia solution**  
**1%B=1000+-5 ug/g**

**1. Identification of the substance/preparation and of the company or firm**

**1.1 Identification of the substance or preparation**

Name:

Boron \*standard dissolved in ammonia solution 1%B=1000+-5 ug/g

**1.2 Synonym:**

**1.3 Use of the substance/preparation:**

For laboratory utilisation, analysis, research and fine chemistry.

**1.4 Identification of the company or firm:**

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**2. Identification of dangers**

Classification of the substance or the mixture.

**No hazardous mixture as specified in Regulation (CE) 1272/2008.**

**No hazardous mixture as specified in Classification (67/548/CEE or 1999/45/CE).**

**3. Component Composition/Information**

Name: Boron \*standard dissolved in ammonia solution 1%B=1000+-5 ug/g

**4. First aid**

**4.1 General indications:**

**4.2 Inhaling:**

**4.3 Contact with the skin:**

**4.4 Eyes:**

**4.5 Swallowing:**

## **5. Fire-fighting means**

**5.1 Suitable fire-extinguishing means:**

**5.2 Fire-fighting means which must NOT be used:**

**5.3 Special risks:**

**5.4 Protective equipment:**

## **6. Measures to be taken in the event of accidental spillage**

**6.1 Individual precautions:**

**6.2 Precautions for care of the environment:**

**6.3 Methods for collection/cleaning:**

## **7. Handling and storage**

**7.1 Handling:**

**7.2 Storage:**

## **8. Staff exposure/protection controls**

**8.1 Technical protective measures:**

**8.2 Exposure limit control:**

**8.3 Respiratory protection:**

**8.4 Hand protection:**

**8.5 Eye protection:**

**8.6 Individual hygiene measures:**

**8.7 Environmental exposure controls:**

Fulfill the commitments under local environmental protection legislation.

## **9. Physical and chemical properties**

Appearance: liquid  
Colour: Colourless  
Granulometry:  
Odour:  
pH:  
Melting point/freezing point:  
Initial boiling point and boiling range:  
Flash point:  
Flammability (solid, gas):  
Upper/lower flammability or explosive limits:  
Vapour pressure:  
Vapour density:  
Relative density: (20/4) 1  
Solubility: Miscible with water  
Partition coefficient: n-octanol/water:  
Auto-ignition temperature:  
Decomposition temperature:  
Viscosity:

## **10. Stability and reactivity**

**10.1 Conditions which should be avoided:**

**10.2 Matter which should be avoided:**

**10.3 Hazardous decomposition products:**

**10.4 Complementary information:**

## **11. Toxicological information**

**11.1 Acute toxicity:**

**11.2 Dangerous effects for health:**

## **12. Environmental information**

**12.1 Mobility:**

**12.2 Ecotoxicity:**

**12.3 Degradability:**

**12.4 Accumulation:**

**12.5 Other possible effects on the environment:**

## **13. Considerations regarding elimination**

### **13.1 Substance or preparation:**

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.

In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

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### **13.2 Contaminated containers:**

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

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## **14. Information concerning transport**

Overland (ADR):

By sea (IMDG):

By air (ICAI-IATA):

## **15. Regulatory information**

## **16. Other information**

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.

In respect of the previous review, changes have been made to the following sections: 2, 3, 15

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