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## Material Safety Data Sheet

### 1 – IDENTIFICATION AND THE COMPANY

**1.1 Product Identifier:** Boron Nitride

**1.2 Identified Use:**  
Cosmetic formulations

**1.3 Supplier:** Mineral Makeup Ingredients

### 2 - HAZARDS IDENTIFICATION

**2.1 Classification of the mixture/ the substance:**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive 67/548/EC (DSD)

**2.2 Labelling Elements:**  
Not relevant

**2.3 Others Hazards:**  
No data available.

### 3 - COMPOSITION / INFORMATION ON INGREDIENTS

#### PRODUCT DESCRIPTION

Substances (INCI)	CAS	EINECS	%	Symbol	Risks
Boron Nitride	10043-11-5	233-136-6	Min. 99%	BN	n.a.

### 4 - FIRST AID MEASURES

**Ingestion:** No special measures necessary. By continuous complaints consult a physician.

**Skin contact:** No special measures necessary.

**Eye contact:** In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.

**Inhalation:** Ensure supply of fresh air.



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## 5 - FIRE FIGHTING MEASURES

### 5.1 Suitable extinguishing media:

No data available.

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

No data available.

### 5.3 Advice for fire fighters:

Product itself does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment.

## 6 - ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel

Avoid dust formation. Refer to protective measures listed in sections 7 and 8. High risk of slipping due to leakage/spillage of product.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions:

Cover spilled material in a regular manner to prevent dispersion by wind.

### 6.3 Methods and materials for containment and cleanup:

Take up mechanically and send for disposal. Clean contaminated surfaces thoroughly with water and soap.

### 6.4 References to other sections:

No data available.

## 7 - HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### Advice on safe handling

Avoid dust formation. Ensure adequate ventilation.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. After work time and during work intervals the affected skin areas must be thoroughly cleaned.

#### Advice on protection against fire and explosion

No special measures necessary.

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

#### Technical measures and storage conditions

Keep container tightly closed. Keep dry in a cool, well-ventilated place.

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

#### Advice on storage assembly



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None known

**7.3 Use (s) final (s) particular (s):**  
No data available.

## 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

### **Appropriate engineering controls**

No data available.

### **Personal protective equipment**

#### **Respiratory protection**

In case of dust formation, use a fine dust face mask.

#### **Eye / face protection**

Safety glasses recommended

#### **Hand protection**

No special measures required.

#### **Environmental exposure controls**

No data available.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

### **9.1 Information on the physical and chemical characteristics**

#### **Form/Colour**

Powder  
white

#### **Odour**

odourless

#### **Odour threshold**

No data available

#### **pH value**

Not applicable

#### **Boiling point / boiling range**

Not applicable

#### **Melting point / melting range**

Not applicable

#### **Decomposition point / decomposition range**

No data available

#### **Flash point**

No data available

#### **Auto-ignition temperature**

No data available

#### **Oxidising properties**

No data available

#### **Explosive properties**



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No data available  
**Flammability (solid, gas)**  
No data available

**Lower flammability or explosive limits**  
No data available  
**Upper flammability or explosive limits**  
No data available

**Vapour pressure**  
No data available  
**Vapour density**  
No data available  
**Evaporation rate**  
No data available  
**Relative density**  
No data available

**Density**  
Value 2,25 g/cm<sup>3</sup>  
Reference temperature 20 °C  
Reference pressure 1013 hPa

**Bulk density**  
Value 200-700 kg/m<sup>3</sup>

**Solubility in water**  
Reference temperature 20 °C  
Remarks essentially insoluble

**Solubility(ies)**  
No data available

**Partition coefficient: n-octanol/water**  
No data available

**Viscosity**  
No data available

## 9.2 Other information:

**Other information**  
No data available.

## 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 hazardous reactions known. Stable under recommended storage and handling conditions (see section 7).

**10.5 Incompatible materials:**  
None known.

**10.6 Hazardous decomposition products:**  
None, if handled according to order

## 11 - TOXICOLOGICAL INFORMATION

### **Acute inhalational toxicity**

No data available

### **Skin corrosion/irritation**

No data available

### **Serious eye damage/irritation**

No data available

### **Respiratory or skin sensitisation**

No data available

### **Germ cell mutagenicity**

No data available

### **Reproduction toxicity**

No data available

### **Carcinogenicity**

No data available

### **STOT-single exposure**

No data available

### **STOT-repeated exposure**

No data available

### **Aspiration hazard**

No data available

### **Other information**

## 12 - ECOLOGICAL INFORMATION

### **12.1 Toxicity**

#### **Fish toxicity**

No data available

#### **Daphnia toxicity**

No data available

#### **Algae toxicity**

No data available

#### **Bacteria toxicity**

No data available

### **12.2 Persistence and degradability**

#### **Behavior in sewers (waste treatment plants)**

If appropriate application no interferences in sewage treatment plants

May be separated out mechanically in purification plants

### **12.3 Bio-accumulative potential**

No data available

### **12.4 Mobility in soil**

Remarks Product is insoluble in water



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#### **12.5 Results of PBT and vPvB assessment**

No data available

#### **12.6 Other adverse effect**

No ecological effect to be expected, if used and handled as intended.

### **13 - DISPOSAL CONSIDERATIONS**

#### **Product:**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. Waste disposal in accordance with the regulations of the local authorities can either be incinerated or deposited with household garbage.

#### **Used packaging:**

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

### **14 - TRANSPORT INFORMATION**

#### **14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

#### **14.2 Transport IMDG**

The product is not subject to IMDG regulations.

#### **14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

#### **14.4 Transport TDGR**

The product is not subject to TDGR regulations.

#### **14.5. Sea Transport**

The product is not subject to Sea Transport regulations.

#### **14.6 Special precautions for user**

No data available.

#### **14.7 Transportation in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not relevant.

### **15 - REGULATORY INFORMATION**

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

##### **Restriction of occupation**

Adhere to the national sanitary and occupational safety regulations when using this product.

##### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.



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## National regulations

### National chemical inventories

EINECS/ELINCS (European Community)	listed
TSCA (USA)	listed
DSL/NDSL (Canada)	listed
MITI/ENCS (Japan)	listed
ECL (Corea)	listed
AICS (Australia)	listed
IECSC / NEPA (China)	listed
PICCS (Philippines)	listed

### 15.2 Evaluation of chemical safety:

No data available.

## 16 - OTHER INFORMATION

Advice concerning the product:

### Sources of key data used to compile the datasheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

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### This MSDS is prepared by the manufacturer.

This document completes the product technical data sheet but does not replace it. The information contained in this notice is based on current knowledge and relates to the product in the state in which it is delivered. It is intended to describe the product from the point of view of safety requirements and does not guarantee any particular property or use.

The user takes full responsibility for the use of the product and it is his further responsibility to ensure that the product is employed in complete conformity with all relevant legislation and regulation.