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

### 1.1. Product identifier

**Name of product** Bio-Diamant-Stick MM130-145

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

#### Identified uses

##### Sector of uses [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

##### Product categories [PC]

Abrasive

#### Uses advised against

##### Sector of uses [SU]

No information available.

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

#### Manufacturer/distributor

joke Technology GmbH  
Asselborner Weg 14-16, D-51429 Bergisch Gladbach  
Phone +49 (0) 22 04 - 8 39 - 0, Fax +49 (0) 22 04 - 8 39 - 60  
E-Mail info@joke.de  
Internet www.joke.de

#### Advice

Hardy Möckl  
Phone +49 (0) 22 04 - 8 39 - 39  
Fax +49 (0) 22 04 - 8 39 - 60  
E-mail (competent person):  
h.moeckl@joke.de

### 1.4. Emergency telephone number

#### Emergency advice

Vergiftungs-I-Z. Freiburg  
Phone +49 (0) 7 61 - 1 92 40  
REACH and CLP UK CA Help Desk; Telephone: +44  
171 635 9191

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Hazard statements for physical hazards

No data available

#### Hazard statements for health hazards

No data available

#### Hazard statements for environmental hazards

No data available



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**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

**Additional hints**

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

**2.2. Label elements**

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**

**Signal word**

no

**Hazard statements for physical hazards**

No data available

**Hazard statements for health hazards**

No data available

**Hazard statements for environmental hazards**

No data available

**2.3. Other hazards**

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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**SECTION 3: Composition/ information on ingredients**

**3.1. Substances**

not applicable

**3.2. Mixtures**

**Description**

This mixture does not contain any notifiable substances according to the criteria of 3.2 of Annex II of the REACH Regulation.

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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Take affected person into fresh air.  
In case of breathing difficulties give oxygen.

**In case of inhalation**

Ensure of fresh air.

**In case of skin contact**

Rinse with plenty of water.

**In case of eye contact**

In case of contact with eyes rinse thoroughly with water.

**In case of ingestion**

Seek medical advice immediately.

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

**Physician's information / possible symptoms**

No information available.

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

**Treatment (Advice to doctor)**

Treat symptoms.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Foam

Dry powder

Water spray jet

**Unsuitable extinguishing media**

Full water jet

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

In case of fire formation of dangerous gases possible.

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

Wear full protective clothing.

Do not inhale explosion and/or combustion gases.

**Additional information**

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Ensure adequate ventilation.

Remove persons to safety.

Use personal protective clothing.

Keep away sources of ignition.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

**6.3. Methods and material for containment and cleaning up**

After taking up the material dispose according to regulation.

Take up mechanically and send for disposal.

**Additional Information**

Informations for safe handling see chapter 7.

Informations for personal protective equipment see chapter 8.

Informations for disposal see chapter 13.

**6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

Emergency telephone number: see section 1

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Use only in well-ventilated areas.

#### Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

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

#### Advice on storage compatibility

Do not store together with animal feedstuffs.

Do not store together with food.

#### Further information on storage conditions

Store at cool and aired place.

### 7.3. Specific end use(s)

#### Recommendation(s) for intended use

See section 1.2

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No information available.

### 8.2. Exposure controls

#### Respiratory protection

If ventilation insufficient, wear respiratory protection.

#### Hand protection

Protective gloves

#### Eye protection

safety goggles

#### Other protection measures

protective overalls

#### Limitation and surveillance of the environment

Product related measures to prevent exposure

#### Appropriate engineering controls

ventilation system

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

solid

#### Colour

grey

#### Odour

No data available

#### Odour threshold

No data available



**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	No data available				
<b>Boiling temperature / boiling range</b>	No data available				
<b>melting point</b>	42 - 50 °C				
<b>Flash point</b>	not applicable				
<b>Vapourisation rate</b>	not applicable				
<b>Flammable (solid)</b>	No data available				
<b>Flammability (gas)</b>	No data available				
<b>Ignition temperature</b>	No data available				
<b>Self ignition temperature</b>	No data available				
<b>Lower explosion limit</b>	No data available				
<b>Upper explosion limit</b>	No data available				
<b>Vapour pressure</b>	not applicable				
<b>Relative density</b>	not applicable				
<b>Bulk density</b>	not applicable				
<b>Vapour density</b>	not applicable				
<b>Solubility in water</b>	No data available				
<b>Solubility/other</b>	No data available				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not applicable				
<b>Decomposition temperature</b>	No data available				
<b>Viscosity</b>	No data available				
<b>Solvent separation test</b>	not applicable				



	Value	Temperature	at	Method	Remark
<b>Solvent content</b>	not applicable				
<b>Water content</b>	No data available				
<b>Solids content</b>	No data available				
<b>Combustion value</b>	not applicable				
<b>Sensitiveness to impact</b>	No data available				
<b>Oxidising properties</b> No data available					
<b>Explosive properties</b> No data available					
<b>9.2. Other information</b> No information available.					

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known.

### 10.2. Chemical stability

Chemical stability

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

#### Substances to avoid

No information available.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	not determined			
<b>LD50 acute dermal</b>	not determined			



	Value/Validation	Species	Method	Remark
<b>LC50 acute inhalation</b>	not determined			
<b>Skin irritation</b>	No information available.			
<b>Eye irritation</b>	No information available.			
<b>Skin sensitization</b>	No information available.			
<b>Sensitization respiratory system</b>	No information available.			

**Subacute Toxicity - Carcinogenicity**

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>				No information available.
<b>Subchronic Toxicity</b>				No information available.
<b>Chronic Toxicity</b>				No information available.
<b>Mutagenicity</b>				No information available.
<b>Reproduction-Toxicity</b>				No information available.
<b>Carcinogenicity</b>				No information available.
<b>Specific target organ toxicity (single exposure)</b>	No information available.			
<b>Specific target organ toxicity (repeated exposure)</b>	No information available.			
<b>Aspiration hazard</b>	No information available.			
<b>Toxicity test (Additional information)</b>	No information available.			
<b>Experiences made from practice</b>	No information available.			
<b>Additional information</b>	No information available.			



**SECTION 12: Ecological information**

**12.1. Toxicity**

No information available.

**12.2. Persistence and degradability**

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	No information available.			
<b>Biological degradability</b>	No information available.			
<b>Degradability</b>	No information available.			
<b>Biological eliminability</b>	No information available.			

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No information available.

**Behaviour in sewage plant**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Dispose of according to official regulations.

**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	-	-	-
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>	-	-	-





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	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA-DGR</b>
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	-	-	-
<b>14.6. Special precautions for user</b> No information available.			
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> No information available.			
<b>Land and inland navigation transport ADR/RID</b> No dangerous goods as defined by these transport regulations.			
<b>Marine transport IMDG</b> No dangerous goods as defined by these transport regulations.			
<b>Air transport ICAO/IATA-DGR</b> No dangerous goods as defined by these transport regulations.			
<b>Transport/further information</b> No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.			

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## **SECTION 15: Regulatory information**

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

#### **Other regulations (EU)**

Contains no REACH candidate substance.  
Contains no substance listed in REACH Annex XIV.

#### **National regulations**

**Water hazard class** -

### **15.2. Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

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## **SECTION 16: Other information**

### **Training advice**

no

### **Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

### **Further information**

The information contained herein is based on the 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.

### **Sources of key data used**

Europäische Chemikalienagentur, <http://echa.europa.eu/>.

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