

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	3565020 Boron-Nitride-Coating Grade C 1000 g
Manufacturer/distributor	TGK GmbH Helleforthstraße 18 - 20, D-33758 Schloß Holte - Stukenbrock Phone 05207 91280, Fax 05207 912840 E-Mail tgk@tgk.de Internet www.tgk.de
Advice	Phone 05207 91280 Fax 05207 912840
Emergency advice	Phone 05207 91280

2. HAZARDS IDENTIFICATION

Classification	not applicable
R-phrases	no
Special hazards information for humans and environment	no

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

CAS No	EC No	Name	[%]	Classification
10043-11-5	233-136-6	Magnesiumsilikat	6	
7732-18-5	231-791-2	Bornitrid	14	
		Wasser	80	

4. FIRST AID MEASURES

General information

no

In case of inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice.

In case of skin contact

In case of contact with skin wash off immediately with plenty of water.
Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Call for a doctor immediately.
Rinse out mouth and give plenty of water to drink.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

not applicable

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions

The product does not cause risks.

Methods for cleaning up

Take up with absorbent material.

Flush away residues with water.

Take up mechanically.

Additional Information

Informations for safe handling see chapter 7.

Informations for personal protective equipment see chapter 8.

Informations for disposal see chapter 13.

7. HANDLING AND STORAGE

Advice on safe handling

Care for suitable extraction / ventilation at processing machines.

Advice on protection against fire and explosion

No special measures necessary.

Requirements for storage rooms and vessels

Keep in closed original container.

Further information on storage conditions

Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design

Provide for sufficient exhaust air.

Respiratory protection

no

Hand protection

Protective gloves

Eye protection

safety goggles

Skin protection

no

General protective measures

Avoid contact with eyes and skin

Hygiene measures

Remove soiled or soaked clothing immediately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form liquid	Colour white	Odour odourless
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Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	6,5 - 7,5				
boiling point	100 °C				
melting range	0 °C				
Flash point	not applicable				
Flammable solid	not applicable				
Flammability (gas)	not applicable				
Vapour pressure				not determined	
Density	1100 g/l				
Rel. vapour density	1,1				
Solubility in water					miscible
Oxidizing properties not applicable					
Explosive properties not applicable					

10. STABILITY AND REACTIVITY

Conditions to avoid

No hazardous reactions known.

Materials to avoid

No hazardous reactions known.

Hazardous decomposition products

No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Additional information

No toxicological data available.

12. ECOLOGICAL INFORMATION

General regulation

Ecological dates are not available.

13. DISPOSAL CONSIDERATIONS

Recommendations for the product

Can be disposed of together with household refuse in accordance with the regulations and on consultation with the disposal agency and the relevant authorities.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

No hazardous material as defined by the prescriptions.

Transport/further information

No hazardous material as defined by the prescriptions.

15. REGULATORY INFORMATION

Remarks for classification

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

R-phrases

no

S-phrases

no

National regulations

Water hazard class - self-classification
nwh - not water hazardous

16. OTHER INFORMATION

Recommend 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.
