

1 2 3 4 5

Safety Data Sheet
1907/2006/EC

Printing date 22.02.2010

Revision: 05.02.2010

Trade name: Bule Chalk

(Contd. of page 1)

- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse mouth with water.
Consult a physician.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Avoid dust formation.
Avoid breathing dust.
Avoid contact with eyes.
- **Measures for environmental protection:**
Do not allow to enter sewers/ surface or ground water.
Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:** Pick up mechanically.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Avoid formation of dust and aerosols.
Avoid breathing dust.
Avoid contact with eyes.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
Do not store together with acids.
Store away from foodstuffs.
Store away from water.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

(Contd. on page 3)

EU

Trade name: **Bule Chalk**

(Contd. of page 2)

Ingredients with limit values that require monitoring at the workplace:

546-93-0 magnesium carbonate

WEL (Great Britain)	10* 4** mg/m ³ *inhalable dust **respirable dust
PEL (America)	15* 5** mg/m ³ *total dust **respirable fraction
REL (America)	10* 5** mg/m ³ *total dust **respirable fraction
TLV (America)	TLV withdrawn

• **DNELs:** Not available

• **PNECs:** Not available

• **Additional information:** The lists valid during the making were used as basis.

• **Personal protective equipment:**

• **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

• **Respiratory protection:** Suitable respiratory protective device recommended.

• **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

General Information

Form:	Powder
Colour:	Blue
Odour:	Odourless
Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
Flash point:	Not available
Flammability (solid, gaseous):	Not available
Ignition temperature:	Not available
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.

(Contd. on page 4)

1 450 700

Safety Data Sheet
1907/2006/EC

Printing date 22.02.2010

Revision: 05.02.2010

Trade name: *Bule Chalk*

(Contd. of page 3)

· Explosion limits:	
Lower:	Not available
Upper:	Not available
· Oxidizing properties	Not available
· Vapour pressure:	Not available
· Density:	Not available
· Relative density	Not available
· Vapour density	Not available
· Evaporation rate	Not available
· Solubility in / Miscibility with water:	Not available
· pH-value:	Not available
· Segregation coefficient (n-octanol/water):	Not available
· Viscosity:	
Dynamic:	Not available

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:** Strong oxidizing agents, Acids.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** Not available
- **Primary irritant effect:**
- **on the skin:** Irritating effect possible.
- **on the eye:** Irritating effect possible.
- **Sensitization:** Sensitization possible.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **Toxicokinetics, metabolism and distribution** Not available
- **Acute effects (acute toxicity, irritation and corrosivity)** Not available
- **Repeated dose toxicity** Not available
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Not available

12 Ecological information

- **Information about elimination (persistence and degradability):** Not available
- **Behaviour in environmental systems:** Not available
- **Mobility and bioaccumulation potential:** Not available
- **Ecotoxic effects:**
- **Aquatic toxicity:** Not available

(Contd. on page 5)

EU

Safety Data Sheet
1907/2006/EC

1455 370

Printing date 22.02.2010

Revision: 05.02.2010

Trade name: **Bule Chalk**

(Contd. of page 4)

- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **PBT assessments** Not available

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Danger code (Kemler):** -
- **UN-Number:** -
- **Packaging group:** -
- **Hazard label:** -
- **Description of goods:** -
- **Limited quantities (LQ)** -
- **Transport category** -
- **Tunnel restriction code** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **UN Number:** -
- **Label** -
- **Packaging group:** -
- **EMS Number:** -
- **Marine pollutant:** No
- **Proper shipping name:** -

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **UN/ID Number:** -
- **Label** -
- **Packaging group:** -
- **Proper shipping name:** -

15 Regulatory information

· **Sara**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

57455-37-5 C.I. Pigment Blue 29

546-93-0 magnesium carbonate

(Contd. on page 6)

EU

Safety Data Sheet
1907/2006/EC

Printing date 22.02.2010

Revision: 05.02.2010

Trade name: Bule Chalk

(Contd. of page 5)

• **Proposition 65**

• **Chemicals known to cause cancer:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

• **Carcinogenicity categories**

• **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

• **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

• **NTP (National Toxicology Program)**

None of the ingredients is listed.

• **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

• **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

• **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

• **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product has not been classified and marked in accordance with EU Directives / respective national laws.

• **Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

• **National regulations:**

• **Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**

16 Other information

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1907/2006, EU Commission Directive 1999/45/EC, 67/548/EEC.

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

End of document