



SAFETY DATA SHEET
BG 321

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

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2. HAZARDS IDENTIFICATION

Main hazards: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ZINC OXIDE 1-5%
CAS: 1314-13-2
[N] R50/53

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used.
Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.
Environmental precautions: Do not discharge into drains or rivers.
Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance.
Storage conditions: Store in cool, well ventilated area.
Suitable packaging: Must only be kept in original packaging.

[cont...]

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: ZINC OXIDE
WEL (8 hr TWA): 10mg/m³

Respirable dust: ZINC OXIDE
WEL (8 hr TWA): 4mg/m³

Respiratory protection: Respiratory protection not normally required.

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Off-white

Odour: Odourless

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Highly viscous

Melting point/range°C: > 140

Flash point°C: > 150

Autoflammability°C: > 150

Relative density: < 1

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong reducing agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ZINC OXIDE
IPR RAT LD50 240 mg/kg
ORL MUS LD50 7950 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Non-volatile. Absorbed only slowly into soil.

Persistence and degradability: Only slightly biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO**UN no:** Not Classified.**15. REGULATORY INFORMATION****Hazard symbols:** No significant hazard.**Risk phrases:** R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**Safety phrases:** S35: This material and its container must be disposed of in a safe way.**Haz. ingredients (label):** ZINC OXIDE**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Other information:** EC Directive 1999/45/EC relating to the classification, packaging and labelling of dangerous preparations.

EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations.

Risk phrases used in s.3: R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.