

SAFETY DATA SHEET

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Issued: 10/07/2007

Revision No: 2

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

Product name: POLISH

Product code: BS 55

Use of substance / preparation: Emulsion floor finish suitable for areas of heavy traffic. The tough long lasting coat can be maintained by damp mopping or by automatic cleaning machines.

Company name: Bio-Productions Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: DIETHYLENE GLYCOL MONOETHYL ETHER 1-5%

EINECS: 203-919-7 CAS: 111-90-0

[Xi] R36

• TRIBUTOXYETHYL PHOSPHATE 1-5%

EINECS: 201-122-9 CAS: 78-51-3

[-] R52/53

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: Give 1 cup of water to drink every 10 minutes. Consult a doctor.

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5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Small spills can be handled with a mop and water. Large spills should be contained with sand or sawdust and disposed of under local authority regulations.

7. HANDLING AND STORAGE

Storage conditions: Store in cool, well ventilated area. Protect from freezing. Keep container tightly closed. Protect from freezing. Recommended shelf life of 12 months(1 year) when stored at or below 25 deg C in the original unopened containers.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Respiratory protection not required.

Hand protection: Avoid contact with the skin. May cause irritation to sensitive skin if frequent contact with unprotected skin. Wear protective gloves.

Eye protection: Avoid contact with eyes. Safety glasses recommended.

Skin protection: Avoid contact with skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: White

Odour: Characteristic odour

Evaporation rate: Moderate

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Flash point°C: N/A

Relative density: 1.028

pH: 8.0-8.5

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Direct sunlight.

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Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: DIETHYLENE GLYCOL MONOETHYL ETHER

ORL RAT LD50 5.6 ml/kg

SKN RBT LD50 4.2 ml/kg

• **TRIBUTOXYETHYL PHOSPHATE**

ORL RAT LC50 >6.4 mg/kg

ORL RAT LD50 >3000 mg/kg

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

12. ECOLOGICAL INFORMATION

Hazardous ingredients: DIETHYLENE GLYCOL MONOETHYL ETHER

BACTERIA 48H EC50 >5000 mg/l

DAPHNIA 48H EC50 >10000 mg/l

FISH FATHEAD MINNOWS 96H LC50 >10000 mg/l

• **TRIBUTOXYETHYL PHOSPHATE**

DAPHNIA 48H EC50 75 mg/l

FISH FATHEAD MINNOWS 96H LC50 16 mg/l

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Consult local regulations for disposal.

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.

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15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Safety phrases: S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water.

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: Polycarboxylates: 15% - 30%

Phosphates - less than 5%

Anionic Surfactants- less than 5%

Preservative

Note: Changes made to Sections 1,2,3,7 and 12 as part of revision 2.

Risk phrases used in s.3: R36: Irritating to eyes.

R52/53: Harmful 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.