

# SAFETY DATA SHEET

STRIP FREE (EMULSION SEAL STRIPPER) Page 1

Issued: 18/11/2008

Revision No: 2

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

**Product name:** STRIP FREE (EMULSION SEAL STRIPPER)

**Product code:** AP 264

**Use of substance / preparation:** Powerful solvent based Floor Seal Stripper

**Company name:** Bio-Productions Ltd

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## 2. HAZARDS IDENTIFICATION

**Main hazards:** Irritating to eyes.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** 2-(2-BUTOXYETHOXY)ETHANOL 15-30%

EINECS: 203-961-6 CAS: 112-34-5

[Xi] R36

• 2,2'-IMINODIETHANOL 1-5%

EINECS: 203-868-0 CAS: 111-42-2

[Xn] R22; [Xi] R38; [Xi] R41; [Xn] R48/22

• ETHANOL 5-15%

EINECS: 200-578-6 CAS: 64-17-5

[F] R11

• 2-PHENOXYETHANOL 5-15%

EINECS: 204-589-7 CAS: 122-99-6

[Xn] R22; [Xi] R36

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

[cont...]

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## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

## 5. FIRE-FIGHTING MEASURES

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

**Exposure hazards:** In combustion emits toxic fumes.

**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:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**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

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

**Storage conditions:** Store in cool, well ventilated area. Protect from freezing. Keep container tightly closed.

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

**Hazardous ingredients:** 2-(2-BUTOXYETHOXY)ETHANOL

WEL (8 hr TWA): 67.5 mg/m<sup>3</sup> WEL (15 min STEL): 101.2 mg/m<sup>3</sup>

• 2,2'-IMINODIETHANOL

WEL (8 hr TWA): 13 mg/m<sup>3</sup>

• ETHANOL

WEL (8 hr TWA): 1920 mg/m<sup>3</sup>

**Engineering measures:** Ensure there is sufficient ventilation of the area.

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**Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.**

**Hand protection: Protective gloves.**

**Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.**

**Skin protection: Protective clothing.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State: Liquid**

**Colour: Colourless**

**Odour: Characteristic odour**

**Evaporation rate: Slow**

**Solubility in water: Miscible in all proportions**

**Viscosity: Non-viscous**

**Flash point°C: 49**

**Relative density: 0.993**

**pH: 10.5 - 11.5**

## 10. STABILITY AND REACTIVITY

**Stability: Stable under normal conditions.**

**Conditions to avoid: Does not support combustion, but keep away from heat.**

**Materials to avoid: Strong oxidising agents. Strong acids.**

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

## 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients: 2-(2-BUTOXYETHOXY)ETHANOL**

ORL MUS LD50 6050 mg/kg

ORL RAT LD50 4500 mg/kg

• **2,2'-IMINODIETHANOL**

IVN RAT LD50 778 mg/kg

ORL MUS LD50 3300 mg/kg

ORL RAT LD50 620 µl/kg

SCU RAT LD50 2200 mg/kg

• **ETHANOL**

IVN RAT LD50 1440 mg/kg

ORL MUS LD50 3450 mg/kg

ORL RAT LD50 7060 mg/kg

• **2-PHENOXYETHANOL**

ORL MUS LD50 933 mg/kg

ORL RAT LD50 1260 mg/kg

SKN RAT LD50 14422 mg/kg

[cont...]

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

## 12. ECOLOGICAL INFORMATION

**Mobility: Readily absorbed into soil.**

**Persistence and degradability: Biodegradable. The mentioned surfactants comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.**

**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.**

## 15. REGULATORY INFORMATION

**Hazard symbols: Irritant.**

**Risk phrases: R36: Irritating to eyes.**

**Safety phrases: KEEP OUT OF 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.

S36/37: Wear suitable protective clothing and gloves.

**Haz. ingredients (label): 2-(2-BUTOXYETHOXY)ETHANOL**

**Note: The regulatory information given above only indicates the principal regulations specifically**

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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: Non-ionic surfactants - 5% - 15%**

Contains: Ethanol

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.**

R22: Harmful if swallowed.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R11: Highly flammable.

**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.**