

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**Product name: MONOPRO****Product code: AS 51****Use of substance / preparation: Specially prepared cleaner for stone floors****Company name: Bio-Productions Ltd**

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2. HAZARDS IDENTIFICATION**Main hazards: Irritating to eyes.****3. COMPOSITION / INFORMATION ON INGREDIENTS****Hazardous ingredients: PROPAN-2-OL 5-15%**

EINECS: 200-661-7 CAS: 67-63-0

[F] R11; [Xi] R36; [-] R67

• 1-METHOXY-2-PROPANOL 1-5%

EINECS: 203-539-1 CAS: 107-98-2

[-] R10

• FATTY ALCOHOL ETHOXYLATE 1-5%

CAS: 68439-46-3

[Xn] R22; [Xi] R41

• LEMON 73681 <1%

[Xi] R38; [Sens.] R43; [N] R51/53

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 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.**

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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. 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.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: 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. Whilst small spillages of less than 5 litres of product can easily be disposed of by Sewer system, large discharges into the water courses must be reported to the Environmental Agency or other appropriate regulatory body as required by law. (Refer also to section 13 of the safety data sheet).

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.

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: PROPAN-2-OL

WEL (8 hr TWA): 999 mg/m³ WEL (15 min STEL): 1250 mg/m³

• 1-METHOXY-2-PROPANOL

WEL (8 hr TWA): 375 mg/m³ WEL (15 min STEL): 560 mg/m³

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

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

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

Eye protection: Avoid contact with eyes. Spray away from eyes.

Skin protection: Protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: Moderate

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Relative density: 1.000

pH: 10.5

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Acids. Hydrocarbon solvents.

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

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: PROPAN-2-OL

IVN RAT LD50 1088 mg/kg

ORL MUS LD50 3600 mg/kg

ORL RAT LD50 5045 mg/kg

SCU MUS LDLO 6 gm/kg

• 1-METHOXY-2-PROPANOL

IVN RAT LD50 4200 mg/kg

ORL MUS LD50 11700 mg/kg

ORL RAT LDLO 3739 mg/kg

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

12. ECOLOGICAL INFORMATION

Hazardous ingredients: FATTY ALCOHOL ETHOXYLATE

DAPHNIA 48H EC50 5-25 mg/l

FISH RAINBOW TROUT 96H LC50 10-100 mg/l

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.

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13. DISPOSAL CONSIDERATIONS

Disposal operations: Small amounts (less than 5 litres) of unwanted diluted product may be sewered for biological treatment. Larger volumes must be sent for disposal by an approved Waste Contractor. Consult local regulations for disposal.

Disposal of packaging: Empty packs can be passed on for recycling after being thoroughly cleaned.

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: S2: Keep out of the reach of children.

S37/39: Wear suitable gloves and eye / face protection.

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.

Precautionary phrases: Contains Limonene and Linalool. May produce an allergic reaction.

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: Non-ionic surfactants - 5% - 15%

Preservative

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Risk phrases used in s.3: R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

R10: Flammable.

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

R51/53: 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.