

SAFETY DATA SHEET

STONE FLOOR CLEANER

Version: 3-1

Review date: 23/03/07

1907/2006/EC - ISO 11014-1

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

Product name: STONE FLOOR CLEANER

Uses or/and applications: Cleaner.

Product code nr: 642.

Supplier: LIBERON Ltd
Mountfield Industrial Estate - NEW ROMNEY
KENT TN28 8XU
UK
Phone: + 44 1797 367 555
Fax: + 44 1797 367 575
info.uk@v33.com

E-mail: info.uk@v33.com

Emergency phone number (to be used by the practicing doctor): UK - National Poisons Information Service Phone: 44 / 191 22 5131
B - Centre Antipoisons Tél: 070 / 245.245

2. HAZARDS IDENTIFICATION

Most important hazards: Causes severe burns.

Specific hazards: Affect many metals.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Formula: FOLNA56

Component(s) contributing to the hazard:

- disodium metasilicate - Id No: 014-010-00-8 - CAS no: 6834-92-0 - EC no: 229-912-9
Conc. wt. (%): 1 < C <= 5 - Classification: • C; R 34 • Xi; R 37 •
- Alkylbenzenesulphonic acid - CAS no: 27323-41-7
Conc. wt. (%): 1 < C <= 5 - Symbol(s): Xi - R-phrases(s): 38-41
- 1-methoxy-2-propanol; monopropylene glycol methyl ether - Id No: 603-064-00-3 -
CAS no: 107-98-2 - EC no: 203-539-1
Conc. wt. (%): 1 < C <= 5 - Classification: • R 10 •

4. FIRST AID MEASURES

General advice: For symptom description, see item 11.
In case of doubt or persistent symptoms, consult always a physician.

Inhalation: Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice.
Give oxygen or artificial respiration if necessary.

Skin contact: Take off immediately all contaminated clothing.
Rinse thoroughly with plenty of water for at least 20 minutes and take medical advice.

Eye contact: Wash with plenty of water (during 20 minutes minimum) with eyes wide open, keeping contact lenses and immediately take medical advice.

Ingestion: Never give anything by mouth to an unconscious person.
Rinse mouth, drink a lot of water, do not vomit, keep quiet, and go immediately to hospital or to a doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product itself does not burn.
In case of fire in the surroundings: all extinguishing agents allowed: foam, powder, carbon dioxide (CO₂), sand, water spray.

Extinguishing media which must NOT be used for safety reasons: None.

Specific method(s): Use water spray to disperse the vapours.

Specific fire hazard(s): Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.

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In case of fire, corrosive and harmful gases come free.

Special protective equipment for fire-fighters:

Use a self-contained breathing apparatus and also a protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s):

Evacuate personnel to a safe area.
Avoid contact with skin, eyes, or clothing.
Concerning personal protective equipment to use, see item 8.

Environmental precaution(s):

Stop leak without risks if possible.
Restrict liquid from spreading over surface with floating screens if possible.
Prevent liquid from entering sewers, watercourses, underground or low areas.
Concerning disposal elimination after cleaning, see item 13.

Method(s) for cleaning up:

Treat vapours with water spray.

Large quantities:

Contain large spillage with sand or earth. Neutralize with soda ash or diluted caustic soda solution and flush with plenty of water.

Small amounts:

Flush contaminated areas with plenty of water.
Dispose as hazardous waste.

7. HANDLING AND STORAGE

Handling:

- Precaution(s):

Avoid contact with skin and eyes.
Do not eat, drink and do not smoke in areas where product is used.
Do not add water to product.
Shower, eyes shower and water point in proximity.

- Technical condition(s):

Provide sufficient air exchange and/or exhaust.
Add ALLWAYS product to water for dilution/mixture.

- Safe handling advice(s):

Keep container tightly closed to avoid moisture absorption and contamination.
Open container carefully to avoid spurting.

Storage:

- Precaution(s):

Store always product in container of same material as original container.

- Storage condition(s):

Store, if possible, in a cool, well ventilated place away from incompatible materials.

- Separation of incompatible product(s):

Metals, oxidants, flammable products, sulphurs.

- Packaging / tank material:

Plastic packaging is recommended. (PVC, PP, PE).
Glass.

Coated steel.

- Unsuitable packaging materials:

Avoid non protected metal containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s):

Ensure adequate ventilation, especially in confined areas.
To protect against splashes from pouring.

Control parameter(s):

- Exposure limit(s):

• 1-methoxy-2-propanol; monopropylene glycol methyl ether: VME ppm = 100 - VME mg/m³ = 375
VLE ppm = 150 - VLE mg/m³ = 568

Personal protection equipment:

Avoid contact with skin, eyes and clothing.

- Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment.
Use a respirator with a vapour cartridge: B.

- Hand protection:

Neoprene or natural rubber gloves.

- Skin and body protection:

Rubber apron, boots.

- Eye protection:

Wear security glasses which protect from splashes.

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Hygiene measure(s): Do not eat, drink, or smoke during work.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

- Physical state / form: Liquid.
- Colour: Colourless.
- Odour: PUNGENT.

Important health, safety and environmental information:

- PH: 12,5.
- Boiling point/range: Not determined.
- Flash point: Not determined.
- Explosion limits: Not applicable.
- Flammability (solid, gas): Not applicable.
- Relative density (water = 1): 1.03.
- Viscosity: Not determined.
- Water solubility: completely soluble.
- Fat solubility: Available on request.
- Solvent solubility: insoluble.

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions.

Condition(s) to avoid: Avoid ignition sources. Heating can release hazardous gases.

Material(s) to avoid: Metals, oxidants, sulphurs

Hazardous decomposition products: Combustion produces irritating gases.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

- Inhalation: Cough, respiratory failure, suffocation, bronchitis symptom, oedema of the lungs. Symptoms of respiratory complications (lung oedema) may occur several hours after.

- Skin contact: Severe skin irritation, redness, dermatitis.

- Eyes contact: Severe eye irritation.

- Ingestion: Burns of the upper digestive and respiratory tracts, abdominal pain.

12. ECOLOGICAL INFORMATION

General information(s): The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

Environmental toxicity: May be dangerous for environment.
Product may not flow into sewer or superficial water.
High concentration in receiving water will injure aquatic life by pH effect.

Other adverse effects: None.

13. DISPOSAL CONSIDERATIONS

Waste / unused products: Must be neutralized before dumping ground.
Neutralize with soda ash or diluted caustic soda solution and flush with plenty of water.

Contaminated packaging: Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Further Information(s): None.

14. TRANSPORT INFORMATION

UN N°: 3264.

Land (Road / Railway: ADR/RID): Class 8.
Sea (IMDG) 8: Class 8.

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15. REGULATORY INFORMATION

Labeling:	According to European directives on classification, packaging and labeling of dangerous substances.
EC number:	Not applicable.
Contains:	• disodium metasilicate.
Symbol(s):	C – Corrosive.
R-phrases:	35 Causes severe burns.
S-phrases:	2 Keep out of the reach of children. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 36/37/39 Wear suitable protective clothing, gloves and eye/face protection. 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). 51 Use only in well-ventilated areas.

16. OTHER INFORMATION

According to legislation(s):	This safety data sheet is in compliance with directives and adaptings: 91/155, 67/548, 88/379.
Important remarks:	No liability will be accepted whatsoever arising out of the use of this information. It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
Uses or/and applications:	Cleaner.
Restrictions:	This information relates to the specific material designated and may not be valid in combination with other product(s).
History:	
- First edition date:	09/09/02.
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- Review date:	23/03/07.
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Written by:	V33.