



MATERIAL SAFETY DATA SHEET

PRODUCT: Litokol Epoxy Grout Cleaner
MANUFACTURER: Tile & Floor Care Chemicals CC
MANUFACTURERS ADDRESS: Cnr. Sam Green & Evergreen Roads
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Jul 2015

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MSDS Preparation Date:

1. Product Name: Litokol Epoxy Grout Cleaner

Chemical Name: Surfactant Blend
Synonyms: Medium Duty Cleaner
Chemical Family: Surfactant Blend

2. Composition / Information on hazardous ingredients

Ingredients	CAS Number	Symbols / Risk Phrases
p-Toluenesulphonic Acid	6192-52-5	R36; R37; R38
Dodecylbenzene Sulfonic Acid (Ethylenedinitrilo) tetraacetic acid disodium salt	27176-87-0 139-33-3	R36; R37; R38 R36; R37; R38
Diphosphoric Acid, Tetrapotassium Salt	7320-43-5	R36; R38
Ethylene Glycol Monobutyl Ether	111-76-2	R23,24,25 R36; R37

3. Hazard Identification

Main Hazards: Irritant to skin & respiratory tract. Corrosive to metals.
Flammability: No
Chemical Hazard: Yes
Biological Hazard: No
Reproductive Hazard: No
Health Effect - Eyes: Direct contact with material can cause slight irritation
Health Effect - Skin: Prolonged or repeated skin contact can cause a slight irritation
Health Effect - Ingestion: May cause slight irritation
Health Effect - Inhalation: Inhalation of vapour can cause irritation to mucous membranes and respiratory tract
Carcinogenicity: Ethylene Glycol Monobutyl Ether - Animal carcinogen at high levels

4. First Aid Measures

Skin Contact: Wash off immediately with plenty of soap and water.
Eye Contact: Flush eyes with plenty of water for at least 20 minutes.
Inhalation: Move exposed person to fresh air.
Ingestion: Administer 3-4 glasses of water. DO NOT INDUCE VOMITING. Seek medical attention.

5. Fire Fighting Measures:

Extinguishing Media: This material is not flammable. Use extinguishing media for surrounding sources.
Special Hazards: None
Protective Equipment: As for surrounding material

6. Accidental Release Measures

Personal Precautions: Eye/Face/Body - protective clothing should be worn
Environmental Precautions: Contain spills immediately with inert materials (sand, earth, etc) Floor may be slippery, use care to avoid falling.
Spills: Keep spills and cleaning run-off material out of municipal sewers and open bodies of water

7. Handling and Storage

Suitable Material: Store away from strong oxidising agents & keep containers closed at all times
Handling/Storage Precautions: Avoid contact with eyes. Keep away from incompatibles.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: Not determined
Engineering Measures: Not determined
Respiratory Protection: Use appropriate mask. Wear protective clothing.
Hand Protection: Chemical resistant gloves. (PVC)
Eye Protection: Wear approved safety goggles.

9. Physical and Chemical Properties

Description: Liquid
Colour: Yellow
Odour: Sweet
pH: 13.5
Flash Point: 60-68°C
Boiling Point: Not determined
Density: 1.0 g/ml

10. Stability and Reactivity

Conditions to avoid: None
Incompatible Materials: Strong acids & oxidizing agents

11. Toxicological Information:

Acute toxicity: Oral LD50: 470mg/kg (Ethyl Glycol Monobutyl Ether)
Irritating to eyes

Skin & Eye Contact: Dermal LD50: 220mg/kg (Ethyl Glycol Monobutyl Ether)

Carcinogenicity: (Ethyl Glycol Monobutyl Ether) suspected Animal Carcinogen at high levels

Mutagenicity: Yes

12. Ecological Information:

Aquatic toxicity - Fish: 24h LD50: 983-1650mg/L

Aquatic toxicity - Daphnia: 48h LC50: >1000mg/L

Aquatic toxicity - Algae: Not available

13. Disposal Considerations:

Disposal Methods: Dispose of in compliance with local and national regulations.

Disposal of Packaging: Dispose of in compliance with local and national regulations.

14. Transport Information:

Further Information: The product is not classified as dangerous for carriage.

15. Regulatory Information:

EEC Hazard Classification: 3.3

Risk Phrases: R36, R37, R38

Safety Phrases: S25

16. Other Information:

Further Information: The information supplied in this Safety Data Sheet is designed only as a guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.