

SAFETY DATA SHEET

Concentrated Tile Cleaner

Revision 1
Revision date 5-May-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name Concentrated Tile Cleaner

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2 HAZARDS IDENTIFICATION.

Main hazards Irritating to skin. Risk of serious damage to eyes.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Disodium metasilicate	1-10%	6834-92-0	229-912-9	C; R34 Xi; R37
Isopropanol (Propan-2-ol)	1-10%	67-63-0	200-661-7	F; R11 Xi; R36 R67
Quarternary Ammonium Compounds	1-10%	68989-00-4		C; R34 Xn; R22 N; R50
Ethoxylated Alcohols	1-10%	66455-14-9		Xn; R22 Xi; R41 N; R50
Acrosolv DPM ((2-methoxymethylethoxy) propanol)	1-10%	34590-94-8	252-104-2	
Sodium Alkyl Ethoxy Sulphate 32%	1-10%	96130-61-9		Xi; R36/38

4. FIRST AID MEASURES

Skin contact Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Ingestion Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon oxides.

Fire hazards Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear suitable respiratory equipment when necessary.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m ³ : 999 WEL 15 min limit mg/m ³ : 1250
Acrosolv DPM ((2-methoxymethylethoxy) propanol)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 308 WEL 15 min limit mg/m ³ : -

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear: Suitable respiratory equipment.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.
Protective equipment	Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Blue.
Odour	Bio blue.
pH	13.8
Boiling point	100°C
Water solubility	miscible in water.
Melting point	0°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
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11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
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14. TRANSPORT INFORMATION

Further information	The product is not classified as dangerous for carriage.
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15. REGULATORY INFORMATION

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	Xi - Irritant 
Risk phrases	R38 - Irritating to skin. R41 - Risk of serious damage to eyes.
Safety phrases	S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37 - Wear suitable protective clothing and gloves. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S49 - Keep only in the original container.

16. OTHER INFORMATION

Text of risk phrases in Section 3.	R11 - Highly flammable. R22 - Harmful if swallowed. R34 - Causes burns. R36 - Irritating to eyes. R36/38 - Irritating to eyes and skin. R37 - Irritating to respiratory system. R41 - Risk of serious damage to eyes. R50 - Very toxic to aquatic organisms. R67 - Vapours may cause drowsiness and dizziness.
Further information	The information supplied in this Safety Data Sheet is designed only as 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.
Revision	This document differs from the previous version in the following areas: 15 - symbols. 16 - text of risk phrases in Section 2. 15 - symbols.
Labelling for contents	Disinfectants. 0 - < 5% Non-ionic surfactants. 0 - < 5% Non-ionic surfactants. >= 5% - < 15%