



FLOORWORX STRIPPER

MATERIAL SAFETY DATA SHEET_

DESCRIPTION

FloorworX Stripper is a powerful, concentrated, non-ammoniated, acrylic emulsion floor coating remover/stripper suitable for use with automatic scrubbing machines. FloorworX Stripper has excellent cleaning and degreasing properties and will also remove dirt, grime, fats, oils and other deposits from floor surfaces.

Test	Unit	Specification
Appearance	-	Clear violet liquid.
Density	g/cm ³	1.020 – 1.050
pH	-	13.0 – 13.9
Foam	-	Low.
Cloud point	Degrees Celsius	< 0

FORMULATION

FloorworX Stripper contains a selection of sequestering agents with anti-re-deposition properties for minimisation of cleaning costs and a low foaming environmentally acceptable non-ionic surfactants which degrade into harmless components. Fast stripping action is achieved through superb solvency sourced from powerful unique glycol ethers and amines.

DISCLAIMER

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PROPERTIES

- Non Toxic – Non Corrosive
- Biodegradable – surfactant complies with EEC directive 73/404/EEC
- Highly concentrated and versatile
- Contains NO nonyl phenols
- Low foaming

APPLICATION

STRIPPING

Dilute Floorworx Stripper up to 1:5 depending on the coating thickness and type of polymer, spread over surface leave for a few minutes, scrub and rinse well. The product can be applied using the automatic scrubbing machine and the residue can be removed with a wet/dry vacuum cleaner. The product can also be applied manually using a mop or similar object.

GENERAL CLEANING

Depending on degree of dirt, the product can be diluted up to 1:50

FLOORWORX LOW FOAM STRIPPER CANNOT BE USED AS A GENERAL CLEANER ON POLISHED SURFACES.

THE RECOMMENDATIONS CONTAINED HERE-IN IS BASED ON LABORATORY TESTS AND INFIELD USE EXPERIENCE, AND IS TO THE BEST OF OUR KNOWLEDGE ACCURATE. SINCE TERMS AND CONDITIONS OF ACTUAL USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESS OR IMPLIED.

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Product Name:	FloorworX Stripper
Issue Date:	September 2011
Revision Date:	April 2015
Chemical Product Type:	Environmentally acceptable floor strippers.
Product Use:	Low foam polish stripper and heavy duty cleaner.
UN Number:	3082 (Miscellaneous substances).
Supplied by:	FloorworX Africa (Pty) Ltd
Company Location:	32 Steele Street, Steeledale, Johannesburg 2197
Chemical Formula:	Not applicable.
Emergency Contact Number:	+27 11 406 4024 (FloorworX) +27 11 406 4000 (Safic Environmental Solutions)

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	Hazardous Components	Approximate %	OSHA PEL & Limit
6834-92-0	Sodium metasilicate (P)	< 10	Skn-rbt 250 mg/24H.SEV
141-13-2	2-aminoethanol	< 10	TWA 3 ppm; STEL 6 ppm
111-76-2	Glycol ether	< 10	25 ppm TWA; 120 mg/m3
EEC classification	Irritant (Xi), Floorworx Stripper.		
R Phrases	R36/38, Floorworx Stripper.		

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3. HAZARDS IDENTIFICATION

Main hazard:	Irritant.
Fire:	Non-flammable.
Inhalation:	Excess exposure – coughing.
Skin contact:	Irritant, prolonged exposure may result to defatting of skin, wear gloves when handling this product.
Eye contact:	Irritant, burning, possible damage to eyes.
Ingestion:	Nausea, vomiting, harmful when ingested.

4. FIRST-AID MEASURES

Inhalation	Remove patient to fresh air.
Skin	Rinse affected area with water; apply hand cream if necessary to replenish moisture.
Eyes	Flush with running water for at least 15 min, irrigate eyes thoroughly while lifting eyelids and rolling eyeballs. If discomfort persists, seek medical attention.
Ingestion	Rinse mouth with water, allow patient as much water as possible. Seek medical attention.

5. FIRE FIGHTING METHODS

Extinguishing media:	Product non-flammable. Use extinguishing agents suitable for surrounding fire.
Special hazards:	None known.
Protective clothing:	Approved self-contained breathing apparatus should be utilised or equivalent equipment.

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6. ACCIDENTAL RELEASE MEASURES

Personal precaution:	Avoid prolonged contact with the product. Product may render surfaces slippery.
Environmental precautions:	When disposing large quantities, the alkaline nature of the product should be taken into consideration.
Small spills:	Remove excess with absorbent material and flush residue with water.
Large spills:	Dyke ahead of liquid spill for later disposal. Prevent the discharge of large amounts of concentrated product into sewerage, and watercourses.

7. HANDLING AND STORAGE

Handling:	Normal handling procedure for heavy duty detergents to minimise personal exposure.
Storage:	Store in a cool dry place. Keep container closed. No special requirements.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workers should have access to an eye wash fountain.

If the specific application may result in splashing, safety goggles (VNC11 – supplier – MSA) should be worn.

Neoprene gloves (Technic 420 – supplier – MSA) should be utilised.

Handle in a well ventilated area, or 6300 respiratory/6059 cartridge (3M – supplier) should be utilised if ventilation is not adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear violet liquid.
pH	13.0 – 13.9
Density:	1.020 – 1.050 g/cm ³
Foam	Low.
Cloud point:	< 0

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10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Strong acids.
Hazardous decomposition products:	None known.

11. TOXICOLOGICAL INFORMATION (BASED ON MEA)

Acute toxicity – oral:	LD50: 2050 mg/kg, rat.
Acute toxicity – dermal:	LD50: 2000 mg/kg, rabbit.
Carcinogenicity:	No evidence of carcinogenic properties.
Mutagenicity:	No evidence of mutagenic effects
Teratogenicity:	No evidence of teratogenic effects.
Reproductive hazards:	Not expected to impair fertility.

12. ECOLOGICAL INFORMATION (BASED ON MEA)

Acute toxicity – fish:	LC50 : 150 mg/l (96h)
Acute toxicity – daphnia:	LC50 : 65 mg/l (48h)
Acute toxicity – algae:	EC50 : 15 mg/l (72h)
Biodegradability:	Primary degradation (surfactant) > 90%
Bioaccumulation:	Not likely – product is biodegradable and water soluble.

13. DISPOSAL CONSIDERATIONS

Disposal methods:	Dispose as per local agreed government method.
Disposal of packaging:	Recycle or wash thoroughly to be re-used.

When disposing of large quantities, the alkaline nature of the product should be taken into consideration.

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14. TRANSPORT INFORMATION

UN Number:	3082
Substance identity no. :	FWXL009
ADR/RID class:	Class 9: Irritant liquid.
IMDG – packaging group:	III
Marine Pollutant:	No
IMO/IMDG Classification:	Class 9 Irritant liquid.
IATA Classification:	Class 9 Irritant liquid.

15. REGULATORY INFORMATION

EC Classification:	Irritant (Xi)
EC Risk phrases:	R36/37/38
EC Safety phrases:	S24/26

16. OTHER INFORMATION

References: SABS 0265: 1999, SABS 0228: 1995, SABS ISO 11014-1: 1994, M.S.D.S.

(Suppliers of raw's)

PLEASE NOTE

The information and recommendations presented on this data sheet are to the best of our knowledge and belief accurate and reliable, but do not constitute a warranty. None of our representatives or agents are authorised to give any guarantee or warranty or make any representation in addition or contrary to the above, and we do not accept liability for claims of any kind for any loss including, without limitation, consequential loss, injury or damage arising from the use of the information or recommendations, or of the products which are subject to the subject matter hereof. These products are sold subject to our standard conditions of sale and tender, copies of which are available on request.

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