



MATERIAL SAFETY DATA SHEET

Description: FloorworX Rinse

Revision Number: 0

Document Number: MSDS FWXR001

MILD ACIDIC FLOOR RINSE AID

GENERAL

FloorworX Rinse is a mildly acidic alkali neutraliser that is used to effectively neutralise alkali stripper and detergent residues on a floor during cleaning.

FORMULATION

FloorworX Rinse contains moderate acidic chelating agents and soil suspenders for supreme water softening and effective safe neutralization. This product is a mixture of alcohol derivatives for the accomplishment of optimum rinseability after a light exothermic reactions resulting from a decrease in pH value.

PRODUCT DESCRIPTION

TEST	UNIT	SPECIFICATION
Appearance		Clear orange-red liquid
Density	g/cm ³	0.95 – 1.05
pH		3.0 – 3.5

PROPERTIES

- * Economical - dilutes up 1 to 10 – The product turns pale green at the correct dilution.
- * Biodegradable
- * Versatile - can be used on all surfaces not affected by water.
- * Easily rinseable - leaves no residue.

Prepared by: Sabelo Dladla

Reviewed by: Doreen Gwanyuki

Status: Issued

Approved by: Doug Cutter

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APPLICATION

1. The product can be diluted up 1:10 and can be applied as per below recommendations.
2. Apply by sprayer, mop, etc. onto surface to be neutralized and rinse with water.

THE RECOMMENDATIONS CONTAINED HERE-IN IS BASED ON LABORATORY TESTS AND INFIELD USE EXPERIENCE, AND ARE 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.

CONTROLLED DOCUMENT

Company Details

Distributor	FloorworX Africa (PTY) LTD		
Address	32 Steele Street, Steeledale, JHB,	Tel:	+27 11 406 4024

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	2197	Fax:	+27 11 406 4262
Postal Address	PO BOX 3154, Johannesburg, 2000	e-mail:	info@floorworx.co.za
Manufacturer	S.A.F.I.C. (PTY) LTD		
Address	32 Steele Street, Steeledale, JHB, 2197	Tel:	+27 11 406 4000
		Fax:	+27 11 406 4252
Postal Address	PO BOX 1754, Alberton 1450	e-mail:	technical@safic.co.za

1. Product Identification

Trade Name	FloorworX Rinse	Product Code: FWXR001
Chemical Family	Acidic soil suspending agents & alcohol derivatives	
Chemical Name	Formulated chemical	
Product Use	Floor alkali detergents neutraliser	
UN No:	3082 (Miscellaneous substances)	

2. Composition

CAS No.	Hazardous Components	Approx %	Limit
0000071-23-8	Propyl alcohol	<10	TWA 200 STEL: 250 (ppm)
EEC classification	Irritant (Xi), FloorworX Rinse		
R Phrases	R36, FloorworX Rinse		

3. Hazards Identification

Main hazard	Irritant (Xi)
Fire	Non-flammable
Inhalation	No hazard
Skin contact	Prolonged or frequent contact may lead to defatting of skin
Eye contact	Irritant.
Ingestion	Nausea and possibly vomiting

4. First Aid Measures

Inhalation	No hazard.
Skin contact	Rinse area well with water. If necessary, use a hand-cream to replenish moisture.
Eye contact	Flush eyes with water for at least 15 minutes. Irrigate eyes thoroughly while lifting eyelids and rolling eyeballs. If irritation persists, seek medical attention.
Ingestion	Rinse mouth with water, and allow patient as much water as possible. If large quantities have been swallowed obtain medical attention.

5. Fire Fighting Measures

Extinguishing media	Product non-flammable. Use extinguishing agents suitable for surrounding fire.
Special hazard	None known

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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	Prevent the discharge of large amounts of concentrated product into sewerage, and watercourses.
Small spills	Remove excess with absorbent material and flush residue with plenty of 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 & Storage

Handling	Normal handling procedure for detergents to minimise personal exposure.
Storage	Store in a cool dry area. Keep containers sealed. Store in plastic containers.

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 utilised.
Neoprene (Technic 420-supplier MSA) gloves should be utilised when handling concentrate.

9. Physical and Chemical Properties

Appearance	Clear orange-red liquid
pH	3.0 – 3.5
Density	0.95 – 1.05 g/cm ³
Solubility (water)	100 %

10. Stability and Reactivity

Stability	Stable under normal conditions.
Incompatible materials	None known
Hazardous decomposition products	None known. When burning toxic fumes will be released.

11. Toxicological Information (based on propanol)

Toxicity	Acute oral: LD50: 1870 mg/kg (rat)
Skin & eye contact	Acute dermal: LD50: 4060 mg/kg, rabbit
Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic effects.
Teratogenicity	Suspected teratogenic effects.

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Reproductive hazard	Not expected to impair fertility.
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12. Ecological Information (based on propanol)

Fathead Minnow 96hours	The product can be toxic to aquatic organism at excessive quantities
Daphnia Magna 48hours	The product can be toxic to aquatic organism at excessive quantities
Algae	The product may be harmful to plants in large quantities.
Biodegradability	The product is readily biodegradable.
Bio accumulation	Not expected to bio accumulate.

13. Disposal Considerations

Disposal method	Dispose as per local government agreed method
Disposal of packaging	Recycle or wash thoroughly and re-use.

14. Transport Information

UN No:	3082
Substance identity no	FWXR001
ADR/RID class	Class 9: Irritant liquid
IMDG group	III
IMDG class	Class 9
Marine Pollutant	No
IATA Classification	Class 9 Irritant liquid

15. Regulatory Information

EEC-hazard classification	Irritant (Xi)
Risk phrases	R36/38
Safety phrases	S24/25

16. Other Information

References: SABS 0265: 1999, SABS 0228:1995, SABS ISO 11014-1: 1994, M.S.D.S. (Suppliers of raw's)
Issued by: Sabelo Dladla
EMERGENCY NUMBERS: 011 406 4000 / 082 412 2298

The information in this MSDS is based on current knowledge and experience at the date of publication. This MSDS summarises our best knowledge of the health and safety hazard information of the product and is intended only as a guide to the appropriate precautionary handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification of the product. The data relates only to the specific product designated, and does not relate to use of the product in combination with any other material or use of the product in

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APPENDIX A

Revision Date (dd/mm/yy)	Issued By	Revision History		Revision No.
		Description	DCN No.	
15/09/2011	Technical Manager	New Issue	MSDS FWXR001	00

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