



FLOORWORX RINSE

MATERIAL SAFETY DATA SHEET_

DESCRIPTION

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

Test	Unit	Specification
Appearance	-	Clear, orange-red liquid
pH	-	3.0 – 3.5
Density	g/cm ³	0.95 – 1.05

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.

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

DISCLAIMER

THIS INFORMATION IS BASED ON OUR EXPERTISE AND IS GIVEN IN GOOD FAITH BUT WITHOUT WARRANTY. FLOORWORX CANNOT ACCEPT LIABILITY FOR ANY DAMAGE, LOSS, OR ACCIDENT CAUSED DIRECTLY OR INDIRECTLY BY THIS PRODUCT.

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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 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.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Product Name:	FloorworX Rinse
Issue Date:	September 2011
Revision Date:	April 2015
Chemical Product Type:	Acidic soil suspending agents & alcohol derivates
Product Use:	Floor alkali detergents neutraliser
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 %	Limit
0000071-23-8	Propyl alcohol	<10	TWA 200 STEL: 250 (ppm)
EEC classification	Irritant (Xi), FloorworX Rinse		
R Phrases	R36, FloorworX Rinse		

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3. HAZARDS IDENTIFICATION

Main Hazard:	Irritant.
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	Rinse area well with water. If necessary, use a hand-cream to replenish moisture.
Eyes	Flush with running water for at least 15 min, 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 METHODS

Extinguishing Media:	Product non-flammable. Use extinguishing agents 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 – ALSO SEE SECTIONS 5, 8 & 13

Personal precaution:	Avoid eye and skin contact and wash thoroughly in accidental contacts.
Environmental precaution:	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 AND 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 %

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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.
Reproductive hazard:	Not expected to impair fertility.

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 agreed government method.
Disposal of packaging:	Recycle or wash thoroughly and re-use the container.

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14 TRANSPORT INFORMATION

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

15 REGULATORY INFORMATION

EEC-hazard Classification:	Irritant (Xi)
Risk phrases:	R36/38
Safety phrases:	S24/S25

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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