



## MATERIAL SAFETY DATA SHEET

Description: FloorworX Bactrostrip Revision Number: 0

Document Number: MSDS FWXW001

### GENERAL

FLOORWORX BACTRO-STRIP is a perfumed polish stripper containing a disinfectant for use in areas where hygiene is a priority, such as kitchens, hospitals, clinics etc.

### FORMULATION

FLOORWORX BACTRO-STRIP contains a selection of non-ionic and anionic surfactants, solvents, disinfectants and perfume.

### PRODUCT DESCRIPTION

TEST	UNIT	SPECIFICATION
Appearance		Clear blue liquid
pH		12,0 - 13,0
Density	g/cm <sup>3</sup>	1,02 - 1,05
Cloud point	°C	6 maximum

### PROPERTIES

- \* FLOORWORX BACTRO-STRIP has a dual purpose - it disinfects whilst stripping.
- \* Due to its high concentration, FLOORWORX BACTRO-STRIP can be diluted up to 1: 5 rendering it an economical product.
- \* FLOORWORX BACTRO-STRIP contains strong solvents to speed up the process of stripping.
- \* FLOORWORX BACTRO-STRIP is a non-ammoniated stripper which can be used in confined areas.
- \* After stripping, FLOORWORX BACTRO-STRIP will leave a soft, pleasant aroma behind.
- \* FLOORWORX BACTRO-STRIP can also be used as a general cleaner and disinfectant at higher dilutions.

### APPLICATION

STRIPPING: Dilute FLOORWORX BACTRO-STRIP up to 1: 5 depending on the coating thickness and type of polymer, spread over the surface, leave for a few minutes, scrub and rinse well.

Prepared by: Sabelo Dladla

Reviewed by: Doreen Gwanyuki

Status: Issued

Approved by: Doug Cutter

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GENERAL CLEANING: Dilutions can vary up to 1: 50.

FLOORWORX BACTRO-STRIP is not to be used as a general cleaner on polished surfaces.

**THE RECOMMENDATIONS CONTAINED HERE-IN ARE 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

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### Company Details

<b>Distributor</b>	<b>FloorworX Africa (PTY) LTD</b>	Tel:	+27 11 406 4024
		Fax:	+27 11 406 4262
Address	32 Steele Street, Steeledale, JHB	e-mail:	<a href="mailto:info@floorworx.co.za">info@floorworx.co.za</a>
<b>Manufacturer</b>	<b>S.A.F.I.C. (PTY) LTD</b>		
Address	32 Steele Street, Steeledale, JHB,	Tel:	+27 11 406 4000
		Fax:	+27 11 406 4252
Postal Address	PO BOX 1754, Alberton 1450	e-mail:	<a href="mailto:technical@safic.co.za">technical@safic.co.za</a>

### 1. Product Identification

Trade Name	FLOORWORX BACTRO-STRIP	Product Code: FWXW001
Chemical Family	Antibacteriacides, glycol ethers, anionic & non-ionic surfactants.	
Chemical Name	Antibacterial acrylic polish remover.	
Product Use	Antibacterial acrylic polish remover.	
UN No;	3082 ( Miscellaneous substances)	

### 2. Composition

CAS No.	Hazardous Components	Approximate %	OSHA PEL
141-43-5	2-aminoethanol	< 10	TWA 3 ppm; STEL 6 ppm
6834-92-0	Sodium Metasilicate	<5	250 mg/24H SEV ( skn – hmn)
111-76-2	Glycol ether	< 10	25ppm TWA; 120mg/m <sup>3</sup>
EEC classification	Irritant (Xi), SAF - BACTRO-STRIP		
R Phrases	R36/38, SAF - BACTRO-STRIP		

### 3. Hazards Identification

Main Hazard	Irritant
Fire	Non-flammable
Inhalation	Spray application – irritant, coughing
Skin contact	Irritant. Prolonged or frequent contact may lead to defatting of skin
Eye contact	Irritant. Burning
Ingestion	Nausea. Vomiting.

### 4. First Aid Measures

Inhalation	Move patient to fresh air.
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.

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Ingestion	Rinse mouth with water, and allow patient as much water as possible. If large quantities have been swallowed obtain medical attention.
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### 5. Fire Fighting Measures

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

### 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 considered.
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 heavy duty 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 supplied.
If prolonged or frequent contact is expected, <b>NEOPRENE</b> 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 blue liquid
PH (10%)	12.0 – 13.0
Density	1.02 – 1.05 g/cm <sup>3</sup>
Solubility (water)	100 %
Flashpoint	Non flammable

### 10. Stability and Reactivity

Stability	Stable under normal conditions.
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Incompatible materials	Strong oxidizing agents and acids.
Hazardous decomposition products	Toxic nitrogen oxides may be liberated on decomposition.

### 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 hazard	Not expected to impair fertility

### 12. Ecological Information (based on Glycols)

Oxygen Demand, mgO <sub>2</sub> /mg	2.3
Bacterial IC <sub>50</sub> , mg/L	> 5000
Fathead Minnow LC <sub>50</sub> , mg/L	1700
Daphnia Magna LC <sub>50</sub> , mg/L	> 1000
Biodegradation, %	20 Days = 88 Natural acclimation in wastewater treatment or general environment would increase the rate and extent of biodegradation
Bioaccumulation	Not likely – product is biodegradable and water soluble

### 13. Disposal Considerations

Disposal method	Dispose as per local agreed government method
Small quantities: Dilute product 1000 times and run to waste with plenty of water.	
When disposing of large quantities, the alkaline nature of the product should be taken into consideration.	
Disposal of packaging	Recycle or provide to drum collectors.

### 14. Transport Information

UN No:	3082
Substance identity no	FWXW001
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

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

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## 16. Other Information

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

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 any process. The data is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability for fitness for a particular purpose is made with respect to the product, its composition, its safety or the information contained in this MSDS sheet.

### APPENDIX A

Revision Date (dd/mm/yy)	Issued By	Revision History		Revision No.
		Description	DCN No.	
15/09/2011	Technical Manager	New Issue	MSDS FWXW001	00

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