



# FLOORWORX MAINTAIN

## MATERIAL SAFETY DATA SHEET\_

### DESCRIPTION

FloorworX Maintain is an effective and economical water-based general purpose cleaner and disinfectant containing a pleasant fragrance. FloorworX Maintain contains a broad-spectrum bactericide and can be diluted from 1:10 up to 1:100 with water depending on the degree of soiling to be removed. FloorworX Maintain is versatile and can be used on all surfaces not affected by water.

Test	Unit	Specification
Appearance	-	Clear orange liquid.
Odour	-	Marine fresh.
pH	-	9,5 - 11,0
Density	g/cm <sup>3</sup>	1,00 - 1,03
Viscosity	mPa.s	110 - 220

### FORMULATION

FloorworX Maintain is a water-based product containing a selection of non-ionic and cationic surfactants; soil suspending agents, anti-bacterial agents and powerful cosmetic grade perfumes.

### PROPERTIES

- Economical - dilutes up to 100 times with water.
- Biodegradable
- Versatile - can be used on all surfaces not affected by water.
- Pleasant fragrance - leaves a clean, fresh odour.
- Contains wide spectrum bactericides.
- Easily rinseable - leaves no residue.

#### DISCLAIMER

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## APPLICATION

1. The product can be diluted with water between 10 to 100 parts depending on the degree of dirt and grime to be removed.
2. Apply by sprayer, mop, cloth etc. onto surface to be cleaned 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

<b>Product Name:</b>	FloorworX Maintain
<b>Issue Date:</b>	September 2011
<b>Revision Date:</b>	July 2016
<b>Chemical Product Type:</b>	Non-ionic & cationic surfactants, soil suspending agents, & an anti-microbial agent.
<b>Product Use:</b>	General purpose cleaner/disinfectant.
<b>UN Number:</b>	3082 (Miscellaneous substances).
<b>Supplied by:</b>	FloorworX Africa (Pty) Ltd
<b>Company Location:</b>	32 Steele Street, Steeledale, Johannesburg 2197
<b>Chemical Formula:</b>	Not applicable.
<b>Emergency Contact Number:</b>	+27 11 406 4024 (FloorworX) +27 11 406 4000 (Safic Environmental Solutions)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	Hazardous Components	Approximate %	Limit
N/A	None	N/A	N/A
EEC classification	Irritant (Xi), FloorworX Maintain.		
R Phrases	R36, FloorworX Maintain.		

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### 3. HAZARDS IDENTIFICATION

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

### 4. FIRST-AID MEASURES

<b>Inhalation</b>	No hazard.
<b>Skin</b>	Rinse area well with water. If necessary, use a hand-cream to replenish moisture.
<b>Eyes</b>	Flush with running water for at least 15 min, irrigate eyes thoroughly while lifting eyelids and rolling eyeballs. If irritation persists, seek medical attention.
<b>Ingestion</b>	Rinse mouth with water, and allow patient as much water as possible. If large quantities have been swallowed obtain medical attention (treat for QAC ingestion).

### 5. FIRE FIGHTING METHODS

<b>Extinguishing Media:</b>	Product non-flammable. Use extinguishing agents for surrounding fire.
<b>Special hazards:</b>	None known.
<b>Protective clothing:</b>	Approved self-contained breathing apparatus should be utilised or equivalent.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precaution:	Avoid prolonged contact with the product. Product may render surfaces slippery.
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

<b>Handling:</b>	Normal handling procedure for detergents to minimise personal exposure.
<b>Storage:</b>	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

<b>Appearance:</b>	Clear orange liquid.
<b>pH:</b>	9.5 – 11.0
<b>Density:</b>	1.00 – 1.03 g/cm <sup>3</sup>
<b>Solubility (water):</b>	100 %
<b>Flashpoint</b>	Non-flammable

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## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION (BASED ON QAC)

<b>Toxicity:</b>	Acute oral: LD50: 457 – 750 mg/kg (rat).
<b>Skin &amp; eye contact:</b>	Acute dermal: LD50: 1560 mg/kg, rat.
<b>Carcinogenicity:</b>	No evidence of carcinogenic properties.
<b>Mutagenicity:</b>	No evidence of mutagenic effects.
<b>Teratogenicity:</b>	Suspected teratogenic effects.
<b>Reproductive hazard:</b>	Not expected to impair fertility.

## 12. ECOLOGICAL INFORMATION (BASED ON Q.A.C.)

<b>Fathead Minnow 96hours:</b>	96 hr (static) LC 50: 5.2 mg/l
<b>Daphnia Magna 48hours:</b>	48hr LC 50: (static) 0,18 mg/l
<b>Algae:</b>	The product may be harmful to plants in large quantities.
<b>Biodegradability:</b>	The product is readily biodegradable.
<b>Bio accumulation:</b>	Not expected to bio accumulate.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal method:</b>	Dispose as per local agreed government method.
<b>Disposal of packaging:</b>	Recycle or wash thoroughly and re-use the container.

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## 14. TRANSPORT INFORMATION

UN Number:	3082
Substance identity no. :	FWXM001
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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