



MATERIAL SAFETY DATA SHEET

Description: FLOORWORX LOW-FOAM CARPET CLEANER **Revision Number:** 01
Document Number: MSDS E001

GENERAL

FLOORWORX LOW-FOAM CARPET CLEANER is a low foaming, phosphate free carpet detergent to be used with the spray and vacuum method. It can be used on carpets as well as upholstery and all textile coverings.

FORMULATION

FLOORWORX LOW-FOAM CARPET CLEANER contains solvents, soil suspending agents, low foam surfactants and perfumes.

PRODUCT DESCRIPTION

| TEST | UNIT | SPECIFICATION |
|------------|-------------------|-------------------|
| Appearance | | Clear blue liquid |
| Density | g/cm ³ | 1,02 - 1,03 |
| pH | | 10,50 - 11,50 |

PROPERTIES

- * Low foam
- * Soil suspending agents
- * Will remove stubborn stains
- * Leaves no residue
- * Leaves a pleasant fragrance

APPLICATION

FLOORWORX LOW-FOAM CARPET CLEANER is used by diluting the product with water and cleaning the area with a carpet extraction machine.

For spot cleaning, first treat area with undiluted FLOORWORX LOW-FOAM CARPET CLEANER and then clean as per normal directions.

DILUTIONS PER 10 Lt

General cleaning : 300ml
Heavy duty cleaning : 600ml
Spot cleaning : undiluted

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.

Prepared by: Sabelo Dladla
Reviewed by: Doug Cutter
Status: Issued

Approved by: Doug Cutter
Revision Date: 31 March 2015
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Company Details

| | | | |
|----------------|-----------------------------------|---------|--|
| Name | S.A.F.I.C (PTY) LTD | Tel: | +27 11 406 4000 |
| Address | 32 Steele Street, Steeledale, JHB | Fax: | +27 11 406 4252 |
| Postal Address | PO BOX 1754, Alberton North, 1450 | e-mail: | technical@safic.co.za |

1. Product Identification

| | | |
|-----------------|--|--------------------|
| Trade Name | FLOORWORX LOW-FOAM CARPET CLEANER | Product Code: E001 |
| Chemical Family | Solvents, surfactants and soil suspending agents | |
| Chemical Name | Formulated chemical | |
| Product Use | Carpet cleaner | |
| UN Number | 3082 (Miscellaneous substances) | |

2. Composition

| CAS No. | Hazardous Components | Approximate % | OSHA PEL |
|--------------------|--|---------------|---------------------------|
| 67-63-0 | Alcohol | <20 | TWA 400 ppm, STEL 500 ppm |
| EEC classification | Irritant (Xi), FLOORWORX LOW-FOAM CARPET CLEANER | | |
| R Phrases | R36/38, FLOORWORX LOW-FOAM CARPET CLEANER | | |

3. Hazards Identification

| | |
|--------------|---|
| Main hazard | Irritant |
| Inhalation | Excess spray – coughing |
| Skin contact | Irritant, prolonged exposure may result to defatting of skin. |
| Eye contact | Burning |
| Ingestion | Nausea, vomiting |

4. First Aid Measures

| | |
|--------------|--|
| Inhalation | Move patient to fresh air. |
| Skin contact | Rinse affected area with water. |
| Eye contact | 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 Measures

| | |
|--|---|
| 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. |

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6. Accidental Release Measures

| | |
|---------------------------|--|
| Personal precaution | Avoid contact with eyes. |
| 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 quantities 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 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 (such as VNC11 – supplier – MSA) should be supplied. |
| If prolonged or frequent contact is expected, NEOPRENE gloves (such as 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 | 10.50 – 11.50 |
| Density | 1.02-1.03 g/cm ³ |
| Solubility (water) | Soluble |

10. Stability and Reactivity

| | |
|----------------------------------|---------------------------------|
| Stability | Stable under normal conditions. |
| Conditions to avoid | Strong oxidizing agents |
| Hazardous decomposition products | None Known |

11. Toxicological Information (based on alcohol)

| | |
|----------------------|---|
| Toxicity | Acute oral: LD50: 5045 mg/kg, rat |
| | Acute dermal: LD50: 12800 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 |

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12. Ecological Information (based on glycol ether)

| | |
|--------------------------|-------------------------------------|
| Acute toxicity – fish | 96 hr LC50: 1700 mg/kg |
| Acute toxicity - daphnia | 48 hr LC50: >1000 mg/kg |
| Acute toxicity – algae | IC50: > 5000 mg/l |
| Biodegradability | Biodegradation: 88 % 20 days |
| Bio accumulation | No possibility of bio accumulation. |

13. Disposal Considerations

| | |
|--|---|
| Dilute product 1000 times when disposing small quantities and run to waste. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options | |
| Permissible under applicable rules, regulations, and/or laws governing your location. | |
| Disposal of packaging | Recycle or wash thoroughly to be re-used. |

14. Transport Information

| | |
|-------------------------|------------------------------|
| UN Number | 3082 |
| Substance identity no | E001 |
| ADR/RID class | Class 9: Irritant liquid |
| IMDG – packaging group | III |
| Marine Pollutant | No |
| IMO/IMDG Classification | IMDG Class 9 Irritant liquid |
| IATA Classification | Class 9 Irritant liquid |

15. Regulatory Information

| | |
|-------------------|---------------|
| EC Classification | Irritant (Xi) |
| EC Risk phrases | R36/38 |
| EC 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) |
| EMERGENCY NUMBERS: 011 406 4000 / 082 412 2298 |

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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 regarding the precautionary handling, 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 and/or its composition.

APPENDIX A

| Revision Date (dd/mm/yy) | Issued By | Revision History | | Revision No. |
|-----------------------------|---------------------|---------------------|-----------|--------------|
| | | Description | DCN No. | |
| 04/07/2011 | Technical Manager | New Issue | MSDS E001 | 00 |
| 31/03/2015 | Operations Director | Review, Logo update | MSDS E001 | 01 |
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