

MATERIAL SAFETY DATA SHEET

Description: SAF FRESH LAVENDER
Revision Number: 01
Document Number: MSDS F004



AIR FRESHENER / SANITISER

GENERAL

This special water based formulation contains natural fragrances and ingredients, which will act both as an air freshener and air sanitizer.

FORMULATION

SAF-FRESH LAVENDER is based on cationic surfactants and bactericides with a high concentration of perfume in an aqueous base.

PRODUCT DESCRIPTION

TEST	UNIT	SPECIFICATIONS
Appearance		Light purple liquid
Density	g/cm ³	0,98 - 1,02
pH		5,50– 7.50
Perfume		LAVENDER

PROPERTIES

- * Eliminates unpleasant odours.
- * Destroy odour-forming bacteria.
- * Long-lasting fragrance.
- * Economical - can be diluted with water.
- * Contains bactericides and surfactants to sanitise the air.
- * Economical - can be diluted with water.

APPLICATION

- * Fill sprayer with SAF-FRESH LAVENDER and spray.
- * Can be diluted up to 1:3 with water.
- * For a longer lasting effect also spray on fabric such as curtains, carpets etc.

Prepared by: Sabelo Dladla
Reviewed by: Zanele Mthimunye
Status: Issued
Approved by: Doug Cutter
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Company Details

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1. Product Identification

Trade Name	SAF- FRESH LAVENDER	Product Code: F004
Chemical Family	Non- ionic surfactant and perfume	
Chemical Name	Formulated chemical	
Product Use	Air – Freshener and Sanitizer	
UN Number	3082 (Miscellaneous substances)	

2. Composition

CAS No.	Hazardous Components	Approximate %	Limit
N/A	None	N/A	N/A
EEC classification	Irritant (Xi), SAF-FRESH LAVENDER		
R Phrases	R36/38, SAF- FRESH LAVENDER		

3. Hazards Identification

Main hazard	Irritant
Inhalation	No effects. Excessive mist may cause throat irritation.
Skin contact	No effects when used as recommended.
Eye contact	Burning, irritant
Ingestion	Nausea, vomiting

4. First Aid Measures

Inhalation	No effects. Excessive mist may cause throat irritation.
Skin contact	No effects, if the are symptoms rinse 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 as much water as possible. Seek medical attention. Treat for QAC ingestion.

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5. Fire Fighting Measures

Product is 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.

6. Accidental Release Measures

Personal precaution	Avoid eye contact, ensure adequate ventilation.
Environmental precautions	Avoid discharging large quantities to the environment
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 sewerages and watercourses.

7. Handling & Storage

Handling	Normal handling procedure for air fresheners 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. Safety goggles (VNC11-supplier MSA) should be utilised where splashing is possible.

9. Physical and Chemical Properties

Appearance	Purple liquid
pH	5.50 – 7.50
Density	0.990 – 1.02 g/cm ³
Solubility (water)	100 %

10. Stability and Reactivity

Stability	Stable under normal conditions.
Conditions to avoid	Strong oxidants
Hazardous decomposition products	None Known

11. Toxicological Information (based on Q.A.C.)

Toxicity	Acute oral: LD50: 457 – 750 mg/kg, rat
	Acute dermal: LD50: 1560 mg/kg, rabbit
Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic effects
Teratogenicity	No evidence of teratogenic effects

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Reproductive hazard	Not expected to impair fertility
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12. Ecological Information (based on Q.A.C.)

Acute toxicity – fish	96 hr (static) LC50: 5.2 mg/l
Acute toxicity - daphnia	48 hr (static) LC50: 0.18 mg/l
Acute toxicity – algae	MIC: 25 ppm (a.i)
Biodegradability	The product is readily biodegradable
Bioaccumulation	There is no possibility of bioaccumulation.

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	F004
ADR/RID class	Class 9: Irritant liquid
IMDG – packaging group	III
LAVENDER 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
EC Safety phrases	S25

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

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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.	
11/02/2011	Technical Manager	New Issue	MSDS F004	00
20/05/2013	Technical Manager	Document review and change of Company logo.	MSDS F004	01

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