

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MICROFRESH LAVENDER

1. Product and Company identification	
Product Name	MICROFRESH
Product Description	Water based air freshener
Manufacturer/ Supplier	Hychem (Pty) Ltd
Physical address	11/13 Silverstone Crescent Kyalami Business Park Midrand
Postal Address	PO Box 5742; Rivonia; 2128
Contact Details	Emergency: 011-4661885

2. Composition/ Information on ingredients	
Chemical Nature	Neutral fluorescent yellow liquid
Components contributing to the hazard	Oil based Perfume
Chemical or generic name of components	N/A
Concentration range	Low
VHIGH >60%, HIGH 30-60%, MED 10-29%, LOW 1-9%, VLOW >1%	
Classification and hazard labelling	XI Irritant
Major hazard	Low Irritant
UN/ CAS	Not applicable
R-Phrases	R36, R38

3. Hazard identification (Summary of most important hazards)	
Hazard category	XI Irritant (Mild)
Adverse human health affects	Irritating to skin and eyes
Environmental effects	None known
Classification of the chemical product	At concentrations recommended for use, no significant effects occur

4. First Aid Measures	
Action to be avoided	Do not induce vomiting
Inhalation	Remove patient from exposure
Skin contact	Wash with large quantities of water
Eye contact	Keep eyes open and flush with clean water for at least 15 minutes
Ingestion	Wash out mouth with water and give 200-300ml of water to drink. Do not induce vomiting.
Note to physician	Treat symptomatically as for general purpose detergent

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5. Fire fighting measures	
Extinguishing media	Non flammable
Inappropriate extinguishing media	Not applicable
Specific hazards	None
Special equipment for protection	Not applicable

6. Accidental release measures	
Personal precautions	Avoid eye contact, do not ingest
Environmental precautions	None
Methods for cleaning up recovery	Flush with water
Neutralisation and disposal of spillage	No neutralisation required

7. Handling and storage	
Observe the usual precautionary measures for handling and storing chemicals	
Handling	Do not ingest, avoid eye contact Ensure container is properly closed and not leaking
Storage	Keep container tightly closed in a dry secure area. Store away from food stuff and out of reach of children. Check containers regularly for leakage and possible distension. Material must be stored in accordance with local rules and legislation

8. Exposure controls/ Personal protection	
<u>Control Parameters</u>	
Limit values	To be monitored at the work place
Biological standards	Refer to UN and R-Phrase numbers
Monitoring procedures	Keep container closed when not in use
Personal protective equipment	Refer to the S-Phrase data
Protective clothing	In abnormal conditions use an approved respirator and wear protective eyewear
Personal hygiene measures	Wash contaminated clothing before storage and re-use

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9. Physical and chemical properties	
Form	Liquid
Colour	Fluorescent yellow
Odour	Strong Perfume (Lavender, Lemon, Pot Pourri, Floral)
PH Value	7 (as received)
Boiling point/ boiling range °C	Not applicable
Flash point	Boils without flashing
Vapour pressure	Not ascertained
Vapour density	Not ascertained
Density	Not ascertained
Solubility	Soluble in water
Viscosity at 20°C	5mPa.s.
Specific gravity at 20°C	1.020 (+/- 0.02)

10. Stability and reactivity	
Stability and possible hazardous reactions	Product is stable
Conditions/ materials to avoid	None
Hazardous decomposition	No decomposition if used and stored in accordance with provisions for use

11. Toxicological information	
LD 50test on animals available on certain raw materials in product	
Acute Toxicity	None known
Local effects	None known
Sensitisation	Can cause irritation of the eyes
Chronic toxicity	None
Long term toxicity	None

12. Ecological information	
Possible environmental effects	No adverse effects
Behaviour and fate	Soluble in water. Avoid large product spillage from entering waterways
Persistence/ Biodegradability	Biodegradable in water

13. Disposal considerations	
Disposal of chemical product	According to the local rules and legislation
Disposal of contaminated packaging	Recommended cleaning agent - water

14. Transport regulations	
Packaging group	Not classified to any mode of transport

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Classification	Non hazardous, non flammable in concentrations present in the formulation of end product
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15. Regulatory information	
National legislation	Refer to the below Risk and Safety phrase Data
Hazard and safety information	Take usual good care
EEC hazard classification Risk phrases	R36 – Irritating to the eyes R38 – Irritating to the skin
EEC hazard classification Safety phrases	S7 – Keep container tightly closed S13 – Keep away from food, drink and animal feeding stuff S18 – Open and handle container with care S25 – Avoid contact with eyes S26 – In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice S27 – Remove contaminated clothing

16. Additional information (e.g. special training or restrictions on the products use)
Refer to product data sheet
This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.