

# MATERIAL SAFETY DATA SHEET

The purpose of this Material Safety Data Sheet is to provide health and safety information of this product. Please read the data provided carefully and ensure that users of this product comply fully with their country's relevant regulations

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## SECTION 1

### CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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#### Introductory Details

Total no. of pages: 3 pages  
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#### Product Details:

Product Name: FRESHMATE METERED AEROSOL AIR REFRESHER  
Trade Name: CALFARME  
Chemical formula: Aerosol Mixture  
Manufacturer's code: Q/CALFARME/AEROSOL/001  
Use: As Air Freshener/Neutraliser  
Manufacturer's Name: Calfarme (Singapore) Pte Ltd  
Manufacturer's Address: AMK Techlink, 20 Ang Mo Kio Industrial Park 2A #06-18 Singapore 567761

Distributor's Name: Calfarme Australia Pty Ltd  
Distributor's Address: Unit 42, 55 Norman Street Peakhurst NSW2210

Emergency tel. No. +612 91530677

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## SECTION 2 : COMPOSITION OF / INFORMATION ON INGREDIENT

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<u>Chemical name</u>	<u>CAS no.</u>	<u>Proportion %</u>
Alcohol Denatured	64-17-5	20-30
Isoparaffin	64742-34-2	25-35
Soyethyl morpholinium ethosulfate	61791-34-2	> 1-2
Fragrance	NE	> 3-5
Hydrocarbon Propellant	NE	25-30
Contains- Propane	74-98-6	
Isobutane	75-58-5	
n-Butane	106-97-8	

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## SECTION 3 : PHYSICAL AND CHEMICAL PROPERTIES

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Appearance: Colourless liquid  
Odour: Perfumed  
Solubility: Soluble in Alcohol  
pH level: NE  
Specific gravity and other properties if application: NE

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## SECTION 4 : HAZARD IDENTIFICATION

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Eye Contact: Irritating to eyes  
Skin Contact: Slight skin irritant. Prolonged or repeated contact can cause dermatitis.  
Inhalation: High levels of vapours/mist may cause dizziness. Can cause irritation of the respiratory tract.  
Ingestion: Accidental ingestion is an unlikely event.

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**SECTION 5 : FIRST AID MEASURES**

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Eye contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners. If in doubt, seek medical advice.

Inhalation: Remove to fresh air. Keep the patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth.  
If unconscious, place in recovery position and seek medical advice.

Ingestion: If accidentally swallowed, obtain immediate attention. Keep at rest. Do NOT induce vomiting.

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**SECTION 6 : FIRE FIGHTING MEASURES**

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Extinguishing media: Alcohol resistant foam; CO2; powder spray/mist.

Fire fighting instruction: Fire exposed containers should be sprayed with water to lessen risk of explosion.

Explosion hazards in presence of various chemical: Fire will produce dense black smoke containing combustion products which may be a health hazard. Appropriate self-contained breathing apparatus may be required. Run off from fire must not enter drains.

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**SECTION 7 : ACCIDENTAL RELEASE MEASURE**

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Leak/spill: Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Section 7 and 8. Contain and collect spillages with non-combustible absorbent materials, e.g. sands, earth, vermiculite, diatomaceous earth and place in suitable container for disposal in accordance with waste regulations(see Section13). Do not allow to enter drains or water courses. Clean preferably with a detergent; avoid the use of solvents. If the product enter drains or sewers, the local water company should be contacted immediately in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

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**SECTION 8 : HANDLING AND STORAGE**

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**Handlings:**

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.

Use only in areas from which all sources of heat, sparks and open flame have been excluded.

Avoid skin and eye contact.

Avoid inhalation of vapour and spray mist.

Smoking, eating and drinking should be prohibited in areas of use and storage.

**Storage:**

Store below 50°C in a dry,well ventilated place away from sources of heat,ignition and direct sunlight. No smoking.

Observe the label precautions.

Store separately from strong oxidising agents and strongly alkaline and strongly acidic materials.

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**SECTION 9 : EXPOSURE CONTROL AND PERSONAL PROTECTION**

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Ingredient Name:	OES/MEL	8Hr TWA	10min STEL
Butane	OES	600ppm	750ppm

Engineering Measures: Provide adequate ventilation to maintain the flammable vapour concentration well below the lower explosive limit (LEL) and ensure the airborne concentration of substances to which an OES has been assigned is below that OES (Occupational Exposure Standard).

Respiratory Protection: Unlikely to be necessary.

Hand Protection: Use of protective gloves is recommended.

Eye Protection: Unlikely to be necessary.

skin Protection: Cotton or cotton/synthetic overalls are normally suitable . Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary

skin cleaner. (Sk) denotes product can be absorbed through skin.

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**SECTION 10 : STABILITY AND REACTIVITY**

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Stability:	Stable
Conditions to Avoid:	Avoid naked flames, red hot surfaces, other high temperature sources that may induce thermal decomposition.
Incompatibility (Materials to Avoid):	Oxidising agents, strong acids, strong alkalis
Hazardous Decomposition Products:	In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

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Ingredient: LD50 (Animal/Oral)

There is no data available on the product itself.  
 Exposure to organic solvent vapours may result in adverse health effects on the renal and central nervous systems. Symptoms can include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Splashes in the eyes may cause irritation and reversible local damage.

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**SECTION 12 : ECOLOGICAL INFORMATION**

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There is no data available on the product itself.  
 The products should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

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Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act.  
 Using the information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.

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**SECTION 14 : TRANSPORT INFORMATION**

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CCCN :	3402 90 90
UN Number:	1950
IMDG :	9022
Class :	9

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**SECTION 15 : OTHER INFORMATION**

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General Information: Before using any product, ensure that you read and understand its label. The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other materials or for any other use other than that specified herein. CALFARME is not liable for the use of this product for any other purpose than that described in this safety data sheet. It is the user's responsibility to satisfy himself/herself as to the suitability in completeness of such information for his/her own particular use.

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**SECTION 16 : CONTACT POINT**

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In case of emergency, contact :	Calfarme Australia Pty Ltd Unit 42, 55 Norman Street Peakhurst NSW2210 Tel: +612 91530677 Email: sales@calfarme.com.au  Calfarme (Singapore) Pte Ltd, ISO 9001/EMS 140001 Certified AMK TechLink, 20 Ang Mo Kio Industrial Park 2A Singapore 567761 Tel: +65 65564111 Email: singapore@calfarme.com
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