

MATERIAL SAFETY DATA SHEET

SPYMSB

SPY Marketing Sdn Bhd Co.
No. 280769-V

Date issued	17 November 2005
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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.

1.0 IDENTIFICATION OF PRODUCTS

1.1	PRODUCT NAME	Aerosol Air Freshener (6,000 Metered Sprays)
1.2	TRADE NAME	Star Fresh Air Freshener (CK, Country Garden, Lavender, Lemon Soda, Tender Poison)
1.3	CHEMICAL NAME	Aerosol Mixture
1.4	MANUFACTURER	SPY Marketing Sdn Bhd Lot 5, Jalan BRP 9/1C, Bukit Rahman Putra Industrial Park, 47000 Sg. Buloh, Selangor Darul Ehsan, Malaysia. Tel: +603-6156 0888 Fax: +603-6156 0666 Website: www.malstar.com Email: sales@malstar.com

2.0 HAZARDS IDENTIFICATION

2.1	CLASSIFICATION	Consumer commodity (Aerosol class 3)
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3.0 EMERGENCY AND FIRST AID PROCEDURE

3.1	EYE CONTACT	Rinse affected eye with clean running water or eyewash solution. Get medical attention if irritation persists.
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3.2	SKIN CONTACT	No treatment is necessary under normal circumstances. If irritation persists, wash affected area thoroughly with soap and water.
3.3	INGESTION	If swallowed, DO NOT induce vomiting. Seek immediate medical attention.
	INHALATION	Remove patient to fresh air. If necessary, seek medical attention.

4.0 COMPOSITION & INFORMATION ON INGREDIENTS

4.1	COMPONENT DESCRIPTION			
	Ingredient	Cas #	TLV/PEL	%
	Ethanol	64-17-5	1000 PPM	25-35
	Propane	74-98-6	1000 PPM	20-30
	Butane	106-97-8	800 PPM	20-30
	Propylene glycol	57-55-6	NE	3-7
	Dipropylene glycol	25265-71-8	NE	3-7
	Fragrance mixture (proprietary)	NE	-	2-7
	Odour Neutraliser (proprietary) (NE: Not established)	NE	-	1-3
4.2	PHYSICAL AND CHEMICAL PROPERTIES			
	Appearance	Clear and colourless liquid		
	Odour	Pleasantly Scented Negligible		
	Stability	Negligible		
	Boiling Point	78.3°C for ethanol		
	Melting Point	112°C at 760mmHg for ethano		
	Vapour Pressure	74 MMHG		
	Percent Volatiles	None known		
	Evaporation rate	None known		
	Vapour Density	0.80 – 0.85 @ 30°C		
	Specific Gravity and other properties if application	0.80 – 0.82 @ 25°C		

5.0 STORAGE AND HANDLING

4.1	HANDLING
	<ul style="list-style-type: none"> - Avoid contact of the perfume with skin and eyes - Wash hands thoroughly with soap and water after handling if they come into contact with the perfume. - Avoid excessive inhalation

4.2	STORAGE
	<ul style="list-style-type: none"> - Store in original container in a cool, dry place out of reach of children and away from food, drink and animal feeding stuffs. - Ensure adequate ventilation - Avoid exposure to excessive heat and prevent from freezing.

6.0 PREVENTIVE MEASURES (SPILL, LEAK OR ACCIDENTAL RELEASE)

6.1	EYE PROTECTION	None necessary under normal working conditions
6.2	SKIN PROTECTION	None necessary under normal working conditions
6.3	RESPIRATORY PROTECTION	Not normally needed under normal circumstances
6.4	VENTILATION	Normal room ventilation is sufficient
6.5	SPILL OR LEAK PROCEDURE	No special clean-up procedure is necessary. Remove all sources of ignition, sparks and heat, provide adequate ventilation
6.6	WASTE DISPOSAL METHOD	Collect all used cans and transfer to a suitable container for disposal. Dispose in accordance with all governmental regulations

7.0 FIRE FIGHTING MEASURES

7.1	THE PRODUCT IS	Flammable but none hazardous under normal condition of us
7.2	FLASH POINT	13°C close cup for ethanol
7.3	AUTOIGNITION TEMPERATURES	425°C for ethanol
7.4	FLAMMABLE LIMIT	(PROPELLANT)" LEL: 1.8 UEL:8.4
7.5	EXPLOSION PROPERTIES	Not Available

7.6	FIRE EXTINGUISHING TYPES	Use carbon dioxide, foam or dry powder
7.7	FIRE FIGHTING PROCEDURE	Self-contained breathing apparatus and protective clothing should be worn in fighting fire.
7.8	UNUSUAL FIRE AND EXPOSURE HAZARDS	Not Available
8.0 STABILITY AND REACTIVITY		
8.1	STABLE	Yes
8.2	CONDITIONS TO AVOID	Excessive Heat
8.3	INCOMPATIBLES	Strong oxidizing agents, oxygen, carbon monoxide, acetic acid, organic acid anhydrides and apery chloride

9.0 TOXICOLOGICAL INFORMATION		
9.1	TOXICITY DATA (ACUTE)	Non Toxic via oral or derma route
9.2	CARCINOGENICITY	None known
9.3	REPRODUCTIVE EFFECT	None known
9.4	EFFECTS OF OVEREXPEURE	
	INHALATION	Not a consequential route of exposure and no significant adverse effects are expected.
	SKIN CONTACT	May cause minor irritation
	EYE CONTACT	Can cause minor irritation

	CHRONIC EFFECTS	None known
	TARGET ORGANS	None known
9.5	MEDICAL CONDITIONS GENERALLY	
	Any pre-existing disorders of diseases of the nervous system, liver, respiratory	
9.6	AGGRAVATED BY EXPOSURE	
	System, skin, kidneys and eyes may be aggravated by exposure tot his products	

10.0 ECOLOGICAL INFORMATION

10.1	BIOACCUMULATION	None Known
10.2	BIODEGRADABILITY	None Known
10.3	TOXICITY	None toxic via oral or dermal route

11.0 DISPOSAL CONSIDERATIONS

11.1	WASTE DISPOSAL	Collect all used cars and transfer to a suitable container for disposal. Dispose in accordance with all governmental regulations.
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12.0 TRANSPORT INFORMATION

12.1	UN NUMBER	Propane - 1978 Butane - 1011 Ethanol - 1170
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12.2	T.D.G CLASSIFICATION	2.1
12.3	PACKING GROUP	GROUP II

IMPORTANT

Before using any product, ensure that you need 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 materials if it is used in combination with any other materials or for any other materials or for any other use other than that specified herein. SPYMSB 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.