



MATERIAL SAFETY DATA SHEET

Organic Skin & Space Mists

Not subject to the Dangerous Goods ADG Code, IMDG Code and IATA Regulations .
Not a Hazardous Substance according to the Criteria of the Australian NOHSC.

Section 1. IDENTIFICATION

COMPANY DETAILS

Company	Bush Biotherapies Pty Ltd ABN: 18 098 133 361								
Address	45 Booralie Road Terrey Hills NSW 2084 Australia								
Telephone Numbers & Email Addresses	<table><tr><td>Telephone:</td><td>Fax:</td></tr><tr><td>Sydney: (61) (2) 9450 1388</td><td>(61) (2) 9450 2866</td></tr><tr><td colspan="2">Technical Enquiries: Greg Long mailto:purchasing@ausflowers.com.au</td></tr><tr><td colspan="2">Administrative Enquiries: Email: "Karen Sherman" : purchasing@ausflowers.com.au</td></tr></table>	Telephone:	Fax:	Sydney: (61) (2) 9450 1388	(61) (2) 9450 2866	Technical Enquiries: Greg Long mailto:purchasing@ausflowers.com.au		Administrative Enquiries: Email: "Karen Sherman" : purchasing@ausflowers.com.au	
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IDENTIFICATION

Product Names	Organic Skin & Space Mists in 15ml, 50mL and 100mL Spray Bottles: Emergency Organic Skin & Space Mist Calm & Clear Organic Skin & Space Mist Travel Organic Skin & Space Mist Sensuality Organic Skin & Space Mist Space Clearing Organic Skin & Space Mist Woman Organic Skin & Space Mist
Other Names	
Chemical Family	Organic Mist Ingredients in a 15-18% v/v Ethanol in Aloe Vera Juice Solution

USE

Organic Mist Cosmetic

Section 2. HAZARDS IDENTIFICATION

<p>Emergency Overview: Cloudy solution with an Essential Oil odour in small 50 mL or 100 mL glass bottles. No significant health or environmental hazards. The Organic Skin & Space Mists contain 15-18% v/v Ethanol have a flashpoint $\geq 41^{\circ}\text{C}$. The Organic Skin & Space Mists do not sustain combustion.</p> <p>Note: Ethanol Solutions containing not more than 24% alcohol by volume are Not subject to the Dangerous Goods ADG Code, IMDG Code and IATA Regulations (heated flammable vapours can accumulate, but are not generated at a sufficient rate to continue to burn once the accumulated vapour has been burnt at 41°C). However it is a Combustible Liquid C1 to AS1940 (flashes and sustains combustion at $\geq 77^{\circ}\text{C}$).</p>

<p>Dangerous Goods Information: Not subject to the Australian Dangerous Goods (ADG) Code, the International Maritime Dangerous Goods (IMDG) Code nor the International Air Transport Association (IATA) Dangerous Goods Regulations. See Special Provision 144.</p>
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<p>Hazardous Substances Information: Not a Hazardous Substance according to the Australian Approved Criteria 2003 [NOHSC: 1008].</p>

Poison Schedule Not Applicable	Signal Word Not Applicable
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Acute Health Effects	
Swallowed	Not likely to be harmful if swallowed as bottles contain 50 mL or 100 mL of solution. May cause narcotic effects due to the alcohol content only in hypersensitive persons.
Eye	May cause eye irritation.
Skin	Unlikely to cause skin irritation.
Inhaled	If a vapour or mist is inhaled, it is unlikely to cause irritation.

Chronic Health Effects	
All Routes	Long term health effects are highly unlikely from normal use.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Prop n	Risk Phrases
Organic Mists:			
Ethanol	64-17-5	15-18% v/v	R11 as 95%
Non Hazardous Ingredients	Confidential	10-30%	None
Water	7732-18-5	>60% v/v	None

Section 4. FIRST AID MEASURES

Swallowed	If swallowed accidentally. Give water to drink to dilute.
Eye	If the solution comes into contact with eyes, hold open and wash with running water. Seek medical advice if effects persist.
Skin	No action needed.
Inhaled	No action needed.
First-Aid Facilities	Have normal washroom facilities nearby.
Advice to Doctor	Treat symptomatically.
Other Sources of Information	Poisons Information Centres in Australia can provide additional assistance for products containing Ethanol. Phone: Australia 13-1126.

Section 5 - FIRE FIGHTING MEASURES

Fire or Explosion Hazard:	<i>Organic Skin & Space Mists:</i> Contains 15-18% Ethanol & can flash if heated to $\geq 41^{\circ}\text{C}$. Will not continue to burn as the Ethanol vapours are not released at a sufficient rate to sustain burning at 41°C . The solution is a not significant fire hazard. However it is a Combustible Liquid C1 to AS1940 (flashes and sustains combustion at $\geq 77^{\circ}\text{C}$).
Extinguishing Media:	Carbon Dioxide, dry chemical, foam, water.
Special Firefighting Procedures:	Move containers from the fire area if it can be done without risk.
Special Issues & Precautions:	No special issues or precautions.

Section 6 - ACCIDENTAL RELEASE MEASURES

Spillage:	For Packages of Bottles: Recover any unbroken bottles. Recover any broken bottles into labelled larger containers for disposal. After spills, wash area well with water to dilute any remaining Ethanol. See Section 13 for Disposal Considerations
Special Issues	<i>Organic Skin & Space Mists:</i> have sufficient Ethanol (15-18%) to flash if heated to $\geq 41^{\circ}\text{C}$ but will not continue to burn at 41°C as the Ethanol vapours are not released at a sufficient rate. & the individual 50 or 100 mL bottles are so small there is not an increased fire risk at room temperatures. For Boxes of bottles see Section 7 Storage.

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Section 7 - HANDLING and STORAGE

Handling	Avoid spillage. Avoid contact with strong oxidising agents and strong acids.
Storage	Store in a well ventilated area. Store away from sources of high heat, strong oxidising agents and strong acids. Keep containers closed at all times. Combustible Liquid C1 to AS1940 (flashes and sustains combustion at $\geq 77^{\circ}\text{C}$). Store boxes of bottles in accordance with Dangerous Goods (Storage & Handling) Regulations, as Combustible Liquids C1.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Design and Engineering Control Measures	Use good ventilation to maintain the air concentration below the exposure standards. Air concentrations may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air-borne concentrations of mists or vapours are high you are advised to modify the environment to reduce the problem.
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Exposure Standards	Exposure Standards determined by Safe Work Australia (formerly ASCC and NOHSC). Ethanol 1000 ppm 1880 mg/m ³ TWA The other ingredients do not have an exposure standard.
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Personal Protection Equipment	Avoid eye contact.
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Section 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical Form	Solution
Appearance and Odour	Cloudy solution with an essential oil odour.
Chemical Formula (for the main ingredients)	Ethanol: CH ₃ -CH ₂ -OH; Water: H ₂ O Not provided for the other ingredients.
Melting Point / Boiling Point	MP 0°C approx (water) BP 90-100°C (Ethanol / water)
Vapour Pressure	As for water.
Specific Gravity	1.00 approx. at 20°C
Flashpoint	Organic Skin & Space Mists: 41°C
Fire Point (sustains for 10 sec)	Organic Skin & Space Mists: 77°C
Flammability Limits (FL) (%)	Lower FL: 3.3% Upper FL: 19% (for 95% Ethanol)
Auto ignition Temp	Not available
Relative Vapour Density	Not available (air=1)
Solubility	Completely soluble in water.
Percent volatile by volume	>80%
pH	5 approx (of the mist solution)
Odour Threshold	Not available
Saturated Vapour Conc'n	Not available
Evaporation Rate	<1 (Butyl Acetate = 1)
Octanol / Water Partition Co-efficient	log P (Octanol/Water) - Not available
Corrosiveness	Not corrosive.

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Section 10 - STABILITY AND REACTIVITY

Reactivity	Stable.
Conditions to Avoid:	None at room temperature. If hot (>67°C) keep away from ignition sources.
Incompatible Materials:	Strong oxidizers, strong acids.
Hazardous Decomposition Products:	If Overheated: Ethanol and water vapours will be released. If Burnt: Carbon Monoxide and smoke (if combustion is incomplete).
Hazardous Polymerisation:	Will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

<u>Overall Product Toxicity Data:</u> Acute Oral Toxicity LD50 (rat): >2000 mg/kg	
Skin Sensitisation:	No ingredients are classified as skin sensitisers.

Section 12 - ECOLOGICAL INFORMATION

General:	No environmental issues expected.
Mobility:	Soluble in water.
Ecotoxicological Data:	All ingredients are readily biodegraded at the concentrations present once diluted in water.

Section 13 - DISPOSAL CONSIDERATIONS

Material:	Disposal to be in accordance with Local, State & Federal EPA waste regulations. Minor residues may be diluted and flushed into the sewer. These 50 or 100 mL glass bottles should be cleaned and sent for recycling. For a box of full bottles – advise that the box contains a Combustible Liquid C1.
Container Disposal:	Recycle glass bottles wherever possible.

Section 14 - TRANSPORT INFORMATION

ROAD & RAIL; SEA; AIR:

Not subject to the Australian Dangerous Goods (ADG) Code,
Not subject to the International Maritime Dangerous Goods (IMDG) Code,
Not subject to the International Air Transport Association (IATA) Dangerous Goods Regulations.

Under UN 1170 ETHANOL SOLUTION see Special Provision 144 in the ADG Code, IMDG Code & IATA Regs.
“An aqueous solution containing not more than 24% alcohol by volume is not subject to this” Code or Reg.

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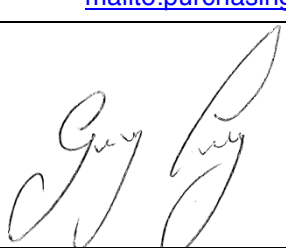
Section 15 - REGULATORY INFORMATION

Labelling:	Not Dangerous Goods, nor Hazardous Substance, nor a Scheduled Poison. It is good practice to label boxes of bottles as "Combustible Liquid C1".
Packaging	Must be in suitable packaging for handling, transport and storage, that will withstand normal handling, under the expected weather conditions.

Australian Chemical Control Schemes			
NICNAS – AICS			
National Registration Authority -	Ag & Vet Chemicals	Not applicable	
Therapeutic Goods Administration -	Medicines	Not applicable	
Australian & New Zealand Food Authority -	Food	Not applicable	
Chemicals Weapons Act	Not applicable	Ozone Depleting Substance Act	Not applicable

Section 16 - OTHER INFORMATION

Acronyms Used	
ADG Code	Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road & Rail
ASCC	Became Safe Work Australia in April 2009, and administers NOHSC documents
NOHSC	Australian National Occupational Health and Safety Commission (for documents only)
WHS	Workplace Hazardous Substance
CAS No.	Chemical Abstracts Service Registry Number
AICS	Australian Inventory of Chemical Substances (see www.nicnas.gov.au)
UN No.	United Nations Dangerous Goods Number

MSDS Dates and Revisions	
MSDS Original Preparation Date	: 9 th May 2011, 9 May 2017
MSDS Latest Revision Date	: 27 June 2017
Key changes in Latest Revision	: formatting
MSDS & Technical Enquiries:	Greg Long Sydney ph: (61) (2) 9450 1388 fax: (61) (2) 9450 2866 mailto:purchasing@ausflowers.com.au
MSDS APPROVED :	
This MSDS summarises to the best of our knowledge the health and safety hazard information on the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.	