



MATERIAL SAFETY DATA SHEET

Love System Formulations

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.
 Not a GHS Hazardous Chemical to the UN GHS Criteria 3rd Revised Edition.

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	<u>Telephone:</u>	<u>Fax:</u>	
	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		

IDENTIFICATION

Product Names	Love System Products	
	Gentle Everyday Face Wash Serum – Purifying Evening Rose	50mL bottle
	Gentle Face Wash Serum – Morning Citrus Dynamis	50mL bottle
	Gentle Face Wash Serum – Gardenia	50mL bottle
	Gentle Purifying Exfoliating Cream – Face and Body	50mL tube
	Intensive Hand Cream – Beautiful Hands	50mL tube
	Intensive Hand Cream – Gardenia	50mL tube
	Intensive Eye Serum – Delicate Skin Treatment	30ml bottle
	Purifying Cream Cleanser – Gentle Facial Cleansing	50mL bottle
	Replenishing Night Cream – Graceful Ageing Treatment	30mL bottle
	Soothing Body Lotion – Evening Rose	100mL bottle
	Soothing Firming Eye Neck Face Gel – Calm and Clear	30mL bottle
	Uplifting Body Lotion - Morning Citrus Dynamis	100mL bottle
	Essence Moisturisers in 50 mL tube:	
	Emergency Essence Moisturiser	
	Calm & Clear Essence Moisturiser	
	Travel Essence Moisturiser	
	Body Love Essence Moisturiser	
	Woman Essence Moisturiser	
Other Names		
Chemical Family	Love System Products	
	Organic Ingredients and Non Organic Ingredients in Aloe Vera Juice Solution with a slight essential oil fragrance.	
	Essence Moisturisers	
	Organic Ingredients and Non Organic Ingredients in Aloe Vera Juice Solution with a slight essential oil fragrance.	

USE

Organic Cream & Gel Cosmetics

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Section 2. HAZARDS IDENTIFICATION

Emergency Overview:

White, off-white, cream coloured creams and lightly coloured gels.
No significant health or environmental hazards.

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.

Hazardous Substances / Hazardous Chemicals Information:

Not a Hazardous Substance according to the Australian Approved Criteria 2003 [NOHSC: 1008].
Not a GHS Hazardous Chemical to the UN GHS Criteria 3rd Revised Edition, 2009.

Poison Schedule Not Applicable

Signal Word Not Applicable

Acute Health Effects

Swallowed	Not likely to be harmful if swallowed as tubes/bottles contain between 30 mL & 100 mL.
Eye	May cause eye irritation.
Skin	Formulated to be used on the skin as a cosmetic, so unlikely to cause skin irritation.
Inhaled	Not a likely source of exposure.

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
Products under "Identification"			
Non Hazardous Ingredients	CAS-ON-AICS *	10-30%	None
Essential Oil Ingredients	CAS-ON-AICS *	≤1%	No Hazards at ≤1%
Water	7732-18-5	>60% v/v	None

CAS-ON-AICS *: All ingredients are either on the Australian Inventory or are allowed by the NICNAS Act.

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 assistance. Phone: Australia 13-1126.

Section 5 - FIRE FIGHTING MEASURES

Fire or Explosion Hazard:	Will not burn as it is >60% water & there are no* ingredients with flash points <150°C, * except the Essential Oil ingredients which present in each product at <2% which does not contribute to these water based products having a flash point.
Extinguishing Media:	Carbon Dioxide, dry chemical, foam, water.
Special Firefighting Procedures:	Move containers from the fire area if it can be done without risk.

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Special Issues & Precautions:	No special issues or precautions.
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Section 6 - ACCIDENTAL RELEASE MEASURES

Spillage:	For Packages of Tubes: Recover any unbroken containers. Recover any broken tubes or bottles into labelled larger containers for disposal. After spills, wash area well with water. See Section 13 for Disposal Considerations
Special Issues	No special issues.

Section 7 - HANDLING and STORAGE

Handling	Avoid spillage. Avoid contact with strong oxidising agents and strong acids.
Storage	Store away from sources of high heat, strong oxidising agents and strong acids. Keep containers closed.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Design and Engineering Control Measures	No special design and engineering control measures needed.
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Exposure Standards	No Exposure Standards determined by Safe Work Australia
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Personal Protection Equipment	Avoid eye contact.
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Section 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical Form	Love System Creams - White to cream coloured Emulsions Intensive Eye Serum – Delicate Skin Treatment Love System Lightly Coloured Gels: Gentle Everyday Face Wash Serum – Purifying Evening Rose Gentle Face Wash Serum – Morning Citrus Dynamis Soothing Firming Eye Neck Face Gel – Calm and Clear Organic Moisturisers - White cream with a slight essential oil fragrance
Appearance and Odour	Love System Creams - White to cream coloured emulsions with a slight essential oil fragrance. Love System Lightly Coloured Gels - Off-white to light brown coloured gels with a slight essential oil fragrance. Essence Moisturisers - White cream with a slight essential oil fragrance.
Chemical Formula (for the main ingredient)	Water: H ₂ O Not provided for the other ingredients.
Melting Point / Boiling Point	MP 0°C approx (water) BP 100°C (water)
Vapour Pressure	As for water.
Specific Gravity	1.00 approx. at 20°C
Flashpoint	Not applicable
Flammability Limits (FL) (%)	Not applicable
Auto ignition Temp	Not applicable
Relative Vapour Density	Not available (air=1)
Solubility	Emulsifiable in water.
Percent volatile by volume	>60% v/v
pH	5 approx (of the organic cream and gel emulsions)
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.

Section 10 - STABILITY AND REACTIVITY

Reactivity	Stable.
Conditions to Avoid:	None at room temperature.
Incompatible Materials:	Strong oxidizers, strong acids.
Hazardous Decomposition Products:	If Overheated: Water vapour will be released. If Burnt: Carbon Monoxide and smoke (if combustion is incomplete).
Hazardous Polymerisation:	Will not occur.

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Section 11 - TOXICOLOGICAL INFORMATION

Overall Product Toxicity Data: Acute Oral Toxicity LD50 (rat): >2000 mg/kg	
Skin Sensitisation:	No ingredients present cause these products to be classified as skin sensitisers. The trace d-Limonene from essential oils is present <u>together with anti-oxidants</u> (such as Vitamin E) so as to avoid its oxidation to the sensitising form.

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 cleaned out with a paper cloth and placed in the waste bin.
Container Disposal:	The tubes should be fully empty when placed in the domestic waste system.

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.

Section 15 - REGULATORY INFORMATION

Labelling:	Not Dangerous Goods, nor Hazardous Substance, nor Hazardous Chemical, nor a Scheduled Poison.
Packaging	Must be in suitable packaging for handling, transport and storage, that will withstand normal handling, under the expected weather conditions.

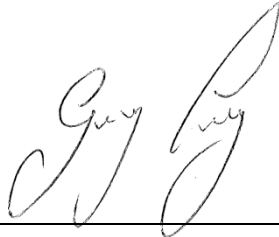
Australian Chemical Control Schemes			
NICNAS – AICS			
National Registration Authority -	Ag & Vet Chemicals		Not applicable
Therapeutic Goods Administration -	Medicines		Not applicable
Australian & New Zealand Food Authority -	Food		Not applicable
Chemicals Weapons Act	Not applicable	Ozone Depleting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

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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)
GHS	Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Third Revised Edition, United Nations 2009
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 Dates	: May 2011, November 2011, November 2016, May 2017
MSDS Latest Revision Date	: 27 June 2017
Key changes in Latest Revision	: addition of Gentle Face Wash Serum - Gardenia
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.	