

SAFETY DATA SHEET       Printed on 06 Aug 2         GHS: According to 2015/830/EU		
<i>Code Number Version 2 Revised 6/08</i>	FM77512 8/2024 11:57:54 AM	
Section 1. Identificatio	n of the substance/mixture and of t	he company/undertaking
1.1 Product I dentifier		
Product Name	ROSE & LEMONGRASS	
Code Number	FM77512	
Alternative Name		
REACH Reg No	Not registered	
1.2 Relevant identified	l uses of the substance or mixture a	nd uses advised against
For fragrance use.		
1.3 Details of the supp	lier of the safety data sheet	
	Australian Botanical Products Ltd	
	39 Melverton Drive, Hallam Victoria, 3803 Australia ABN:45006782529	
Telephone Number	Tel No. +613 97094800	
Email Address	abpsales@ixom.com	
	Emergency No. +61 1 800 033 111	
Section 2. Hazard I den	tification	
2.1 Classification of th	e substance or mixture	
FL 4	Flammable liquid, category 4	
AH 1	Aspiration hazard, category 1	
SCI 2	Skin corrosion/irritation, category 2	
SS 1B	Skin sensitisation, category 1B	
EDI 1	Eye damage/irritation, category 1	
EH A2	Aquatic hazard, acute, category 2	
EH C2	Aquatic hazard, chronic, category 2	
2.2 Label elements		

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AFETY DATA S: According to 2015/8	
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GHS classification Hazard Pictogram	according to Regulation (EC) No 1272/2008 ms
Signal Word	Danger
Hazard Statemer	nts
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H411	Toxic to aquatic life with long lasting effects
Precautionary St	atements
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing fumes.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

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P501

Dispose of contents/container in accordance to local regulations

2.3 Other Hazards

Contains Benzyl Alcohol, Benzyl Benzoate, Benzyl Salicylate, Citral, Citronellol, Eugenol, Geraniol, Limonene and Linalool which may produce an allergic reaction

No further information available at this time

#### Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

#### 3.2 Mixtures

Complex mixture of ingredients

#### Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) FL 3; SCI 2; SS 1B; AH 1; EH A1, C1 H226, H304, H315, H317, H400, H410	10% - 30%
CAS 105-86-2 EINECS 203-339-4 REACH	Geranyl formate FL 4; SS 1B; EH A1,C2 H227,H317,H400,H411	1% - 10%
CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol ATO 5(3600); SCI 2; SS 1; EDI 1; EH A3 H303, H315, H317, H318, H402	1% - 10%
CAS 141-27-5 EINECS 205-476-5 REACH	Geranial (3,7-Dimethyl-2,6-octadienal) SCI 2;SS 1B;EDI 2A H315,H317,H319	1% - 10%
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene) FL 3;ATO 5(3850);AH 1;REP 2;EH A2,C2 H226,H303,H304,H361,H401,H411	1% - 10%
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool FL 4; SS 1B H227,H317	1% - 10%
CAS 24851-98-7 EINECS 246-495-9 REACH	methyl 3-oxo-2-pentylcyclopentaneacetate EH A2 H401	1% - 10%
CAS 105-85-1 EINECS 203-338-9 REACH	Citronellyl formate SCI 2;SS 1B;EH A2 H315,H317,H401	1% - 10%

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CAS 106-22-9	Citronellol (d,I-Citronellol)	
EINECS 203-375-0 REACH	SCI 2; SS 1B;EDI 2A H315,H317,H319	1% - 10%
CAS 127-91-3 EINECS 204-872-5 REACH	beta-Pinene	1% - 10%
	FL 3; ATO 5(3700); AH 1; SCI 2; SS 1B; EH A1,C1 H226,H303,H304,H315,H317,H400,H410	
CAS 4180-23-8 EINECS 224-052-0 REACH	trans-Anethole ATO 5(3000); SCI 3; SS 1B; EH A2 H303, H316, H317, H401	1% - 10%
CAS 106-26-3 EINECS 203-379-2 REACH	Neral SCI 2; SS 1; EDI 2A H315, H317, H319	1% - 10%
CAS 32210-23-4 EINECS 250-954-9 REACH	4-tert-butylcyclohexyl acetate ATO 5(3323); SS 1B; EH A2 H303, H317, H401	1% - 10%
CAS 60-12-8 EINECS 200-456-2 REACH	2-phenylethanol ATO 4(1609); EDI 2A H302, H319	1% - 10%
CAS 115-95-7 EINECS 204-116-4 REACH	Linalyl acetate FL 4:SCI 2:EDI 2A:EH A3 H227,H315,H319,H402	1% - 10%
CAS 1222-05-5 EINECS 214-946-9 REACH	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran EH A1,C1 H400,H410	<1%
CAS 1754-00-3 EINECS - REACH	3,7-Dimethyl-3,6-octadienal SCI 2;SS 1;EDI 2A H315,H317,H319	<1%
CAS 79-92-5 EINECS 201-234-8 REACH	Camphene FS 2; SCI 3; EDI 2A; EH A1, C1 H228, H316, H319, H400, H410	<1%
CAS 128-37-0 EINECS 204-881-4 REACH	2,6-di-tert-butyl-p-cresol EH A1,C1 H400,H410	<1%
CAS 80-56-8 EINECS 201-291-9 REACH	Pinenes FL 3;ATO 4;AH 1;SCI 2;SS 1;EH A1,C1 H226,H302,H304,H315,H317,H400,H410	<1%
CAS 141-16-2 EINECS 205-463-4 REACH	citronellyl butyrate SCI 3;SS 1 H316,H317	<1%
CAS 16409-43-1 EINECS 240-457-5 REACH	tetrahydro-4-methyl-2-(2-methylprop-1-enyl)pyran FL 4; ATO 5(4300); SCI 2; EDI 2A; REP 2; EH A3 H227, H303, H315, H319, H361, H402	<1%

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CAS 105-87-3 EINECS 203-341-5 REACH	Geranyl acetate SCI 2;SS 1;EH C3 H315,H317,H412	<1%
CAS 7785-33-3 EINECS 232-078-9 REACH	Geranyl tiglate ATO 4; SCI 2; SS 1; EDI 1; EH C2 H302, H315, H317, H318, H411	<1%

Refer to section 16 for the wording of listed classification and hazard statement codes

#### Section 4. First Aid measures

Take phrases in section 2 into account

4.1 Description of first aid measures

#### After inhalation

If fumes or combustion products are inhaled, remove to fresh uncontaminated air, lay patient on back until breathing returns to normal. Obtain medical advice if necessary.

#### After skin contact

Causes skin irritation, May cause an allergic skin reaction. Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

#### After eye contact

Causes serious eye damage. Flush eyes with plenty of water for 15 minutes including under eyelid. Seek medical advice if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

#### After ingestion

May be fatal if swallowed and enters airways. Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Wash mouth with plenty of water and obtain medical advice immediately. Never give anything by the mouth to an unconscious patient.

4.2 Most important symptoms and effects, both acute and delayed

Take phrases in sections 2 and 11 into account. No further information available at this time.

4.3 Indication of immediate medical attention and special treatment needed Treat symptomatically.

Section 5. Fire-fighting measures

### 5.1 Extinguishing Media

Carbon dioxide, foam or dry powder. DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

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5.3 Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure. Avoid inhalation of dusts/vapours. Keep containers cool with water spray. Do not use direct water jet on burning material. Do not allow spillage of fire to enter drains or watercourses.

HazChem Code •3Z

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation. Evacuate all unnecessary personnel. If possible, contain the spill.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water.

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations. If large quantities of this material enter the waterways, contact the EPA or your local Waste Management Group.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

Section 7. Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes. Wear protective clothing and use safety glasses. Keep in original container or an alternative made from a compatible material.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

7.3 Specific end use(s)

No further information available.

Section 8. Exposure controls / personal protection

8.1 Control Parameters

No exposure standards have been established for this material by Work safe Australia. However, as a matter of course avoid repeated or prolonged contact with the skin. Keep

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out of eyes. Do not ingest. Use with good ventilation, do not breathe dusts/vapours. Sensitive individuals may develop an allergic response.
8.2 Exposure controls
Engineering controls
Natural ventilation should be sufficient, however where dusts/vapours are generated the use of a grounded mechanical exhaust ventilation system is recommended.

Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice.

Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Use splash-proof safety glasses and face shield where splashing is possible.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Depending on conditions in the workplace, additional body protection should be considered. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas.

Thermal hazards

No information.

Environmental exposure controls

Emissions from ventilation and process equipment should be checked to ensure compliance with environmental protection legislation.

73°C

National Exposure Standards

No exposure standards have been established for this material by Worksafe Australia.

**Biological Limit Values** 

No biological limit allocated.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

FLASH POINT (°C)

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APPEARANCE	Mobile liquid
COLOUR	Yellow to golden yellow
ODOUR	Bergamot, lime, rose, geranium, lemongrass, cedarwood
ODOUR THRESHOLD	Not available
pH @20 DEG C	Not available
MELTING/FREEZING POINT	Not available
INITIAL BOILING POINT AND RANGE	Not available
EVAPORATION RATE	Not available
FLAMMABILITY (SOLID/GAS)	Not available
UPPER/LOWER FLAMMABILITY LIMITS	Not available
VAPOUR PRESSURE	Not available
VAPOUR DENSITY	Not available
SPECIFIC GRAVITY @ 20°C	0.875 - 0.905
SOLUBILITIES	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available
AUTO-IGNITION TEMPERATURE	Not available
DECOMPOSITION TEMPERATURE	Not available
VISCOSITY @ 20 DEG C	Not available
EXPLOSIVE PROPERTIES	Not available
OXIDISING PROPERTIES	Not available
9.2 Other information No further information available.	
Section 10. Stability and reactivity	,
10.1 Reactivity	
No data.	

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	emical Stability under the recommended storage conditions (see section 7).
	sibility of hazardous reactions ardous reactions if stored under suitable storage conditions.
	iditions to avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.
	ompatible materials way from oxidising agents and from highly alkaline or acidic material.
	ardous decomposition products combustion may form carbon monoxide, carbon dioxide and unidentified organic unds.
Section 1	1. Toxicological information
11.1 I nfc	ormation on toxicological effects
	toxicity ssified based on available data.
	orrosion / irritation skin irritation.
	s eye damage / irritation serious eye damage.
•	atory or skin sensitisation use an allergic skin reaction.
Germ	cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

STO-single exposure

No data

STO-repeated exposure

No data

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Aspiration hazard

May be fatal if swallowed and enters airways.

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

Other information

No data

Section 12. Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects. Avoid contaminating waterways. Contains D-Limonene (5989-27-5): LC50 (96 h) - Pimephales promelas (fathead minnow) – 0.72 mg/L EC50 (48 h) - Daphnia magna – 0.36 mg/L EC50 (72 h) - Raphidocelis subcapitata – 0.32 mg/L

12.2 Persistence and degradability

No test data available for this substance.

12.3 Bioaccumulative potential

No data.

12.4 Mobility in soil

Avoid soil, surface water and water-bearing stratum contamination.

12.5 Results of PBT and vPvB assessment No data.

12.6 Other adverse effects See sections 6, 7, 13 and 15.

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Section 13. Disposal considerations			
	the information in section 8 (Exposure controls and personal protection)		
	reatment methods		
Dispose in a	accordance with the law and local regulations. Treat as trade effluent.		
Section 14. Tr	ransport information		
14.1 UN num	nber		
ADR	3082		
ΙΑΤΑ	3082		
IMDG	3082		
14.2 UN prop	per shipping name		
ADR	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS D-LIMONENE)		
ΙΑΤΑ	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS D-LIMONENE)		
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS D-LIMONENE)		
14.3 Transpo	ort hazard class(es)		
ADR	9		
ΙΑΤΑ	9		
IMDG	9		
14.4 Packing	J group		
ADR	III		
IATA	111		
IMDG	III		
Tunnel Code	(-)		
14.5 Environ	mental Hazards		
Dangerous for the environment. Marine pollutant.			
14.6 Special precautions for user			
Maritime Transport (International Maritime Dangerous Goods Code (IMDG Code)): EmS: F-A,S-F Marine Pollutant: Yes			
Road and R	ail Transport (Australian Dangerous Goods Code (ADG Code)):		

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HazChem Code •3	Z	
14.7 Transport in bul Not applicable.	k according to Annex II	of MARPOL73/78 and the IBC Code
Section 15. Regulator	y information	
15.1 Safety, health a substance or mixture		ations/legislation specific for the
Poison Schedule (SUS	SMP): S5 CAUTION	HS Tariff Code: 3302.90.00
All the constituents o	f this material are complia	ant with AICIS regulation.
15.2 Chemical safety		č
5	sessment has not been cal	ried out.
Section 16. Other info	rmation	
Full list of precauti	onary phrases	
P210	Keep away from heat, other ignition sources.	not surfaces, sparks, open flames and No smoking.
P261	Avoid breathing fumes.	
P264	Wash hands thoroughly	after handling
P272	Contaminated work clo workplace.	thing should not be allowed out of the
P273	Avoid release to the en	vironment.
P280	Wear protective gloves	and eye protection
P301+P310	IF SWALLOWED: Imme	diately call a POISON CENTRE.
P302+P352	IF ON SKIN: Wash with	plenty of water.
P305+P351+P338		ously with water for several minutes. , if present and easy to do. Continue
P331	Do NOT induce vomitin	g.
P333+P313	If skin irritation or rash	occurs: Get medical advice.
P362+P364	Take off contaminated	clothing and wash it before reuse.
P391	Collect spillage.	
P403+P235	Store in a well-ventilate	ed place. Keep cool.
P405	Store locked up.	
P501	Dispose of contents/co	ntainer in accordance to local regulations

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Wording of any I	nazard classes listed in section 3	
FL 3	Flammable liquid, category 3	
FL 4	Flammable liquid, category 4	
FS 2	Flammable solid, category 2	
ATO 3	Acute toxicity, oral, category 3	
ATO 4	Acute toxicity, oral, category 4	
ATO 5	Acute toxicity, oral, category 5	
AH 1	Aspiration hazard, category 1	
ATD 5	Acute toxicity, dermal, category 5	
SCI 2	Skin corrosion/irritation, category 2	
SCI 3	Skin corrosion/irritation, category 3	
SS 1	Skin sensitisation, category 1	
SS 1B	Skin sensitisation, category 1B	
EDI 1	Eye damage/irritation, category 1	
EDI 2A	Eye damage/irritation, category 2A	
ATI 4	Acute toxicity, inhalation, category	4
ATI 5	Acute toxicity, inhalation, category	
STO-SE 3(RI)	Specific target organ, single exposu	
MUT 2	Germ cell mutagenicity, category 2	
CAR 2	Carcinogenicity, category 2	
REP 2	Reproductive toxicity, category 2	
EH A1	Aquatic hazard, acute, category 1	
EH A2	Aquatic hazard, acute, category 2	
EH A3	Aquatic hazard, acute, category 3	
EH C1	Aquatic hazard, chronic, category 1	
EH C2	Aquatic hazard, chronic, category 2	
EH C3	Aquatic hazard, chronic, category 3	
	nazard statements listed in section 3	
H226	Flammable liquid and vapour	
H227	Combustible liquid	
H228	Flammable solid	
H301	Toxic if swallowed	
H302	Harmful if swallowed	
H303	May be harmful if swallowed	

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H304	May be fatal if swallowed and enters airways	
H313	May be harmful in contact with skin	
H315	Causes skin irritation	
H316	Causes mild skin irritation	
H317	May cause an allergic skin reaction	
H318	Causes serious eye damage	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H333	May be harmful if inhaled	
H335	May cause respiratory irritation	
H341	Suspected of causing genetic defects	
H351	Suspected of causing cancer	
H361	Suspected of damaging fertility or the unborn child	
H400	Very toxic to aquatic life	
H401	Toxic to aquatic life	
H402	Harmful to aquatic life	
H410	Very toxic to aquatic life with long lasting effects	
H411	Toxic to aquatic life with long lasting effects	
H412	Harmful to aquatic life with long lasting effects	
References and furth	ner information	
N/A = Not applicable SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons AIIC = Australian Inventory of Industrial Chemical AICIS = Australian Industrial Chemicals Introduction Scheme		
Version 1: GHS format, BV 17/09/2020		

Version 2: Mandatory revision, RB 06/08/2024