

SAFETY DATA S GHS: According to 2015/830/		Printed on 20 May 2024
Code Number Version 3 Revised 20/L	FM74431 05/2024 10:16:58 AM	
Section 1. Identificatio 1.1 Product Identifier Product Name Code Number	n of the substance/mixture and of NAT ESSENTIAL BLEND FM74431	the company/undertaking
Alternative Name REACH Reg No	Not registered	
1.2 Relevant identified For fragrance use.	l uses of the substance or mixture	and uses advised against
1.3 Details of the supp	olier 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 1.4 Emergency Tel No	abpsales@ixom.com Emergency No. +61 1 800 033 111	
Section 2. Hazard Iden	tification	
2.1 Classification of th	e substance or mixture	
FL 4 AH 1 SCI 2 SS 1B EDI 1 REP 2 EH A2 EH C2 2.2 Label elements	Flammable liquid, category 4 Aspiration hazard, category 1 Skin corrosion/irritation, category 2 Skin sensitisation, category 1B Eye damage/irritation, category 1 Reproductive toxicity, category 2 Aquatic hazard, acute, category 2 Aquatic hazard, chronic, category 2	

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nde Number Prsion 3 Revised 20	FM74431 0/05/2024 10:16:58 AM	
GHS classification a Hazard Pictogram	inccording to Regulation (EC) No 1272/2008	
Signal Word	Danger	
Hazard Statemen	ts	
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 Sta	atements	
P210	Keep away from heat, hot surfaces, sparks, open flames a other ignition sources. No smoking.	and
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 minute Remove contact lenses, if present and easy to do. Contine rinsing.	
P331	Do NOT induce vomiting.	
P333+P313	If skin irritation or rash occurs: Get medical advice.	
P391	Collect spillage.	
P403+P235	Store in a well-ventilated place. Keep cool.	
P405	Store locked up.	

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P501

Dispose of contents/container in accordance to local regulations

2.3 Other Hazards

Contains 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 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	10% - 30%
CAS 106-22-9 EINECS 203-375-0 REACH	Citronellol (d,I-Citronellol) SCI 2;SS 1B;EDI 2A H315,H317,H319	10% - 30%
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool FL 4;SS 1B H227,H317	10% - 30%
CAS 105-85-1 EINECS 203-338-9 REACH	Citronellyl formate SCI 2;SS 1B;EH A2 H315,H317,H401	1% - 10%
CAS 87-44-5 EINECS 201-746-1 REACH	Caryophyllene AH 1;SS 1B H304,H317	1% - 10%
CAS 470-82-6 EINECS 207-431-5 REACH	Cineols (Eucalyptol) FL 3;ATO 5(2480);SS 1B H226,H303,H317	1% - 10%
CAS 15051-81-7 EINECS - REACH	10-epi-gamma-eudesmol SCI 2;EDI 2A H315,H319	1% - 10%
CAS 76-22-2 EINECS 200-945-0 REACH	Camphor (1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one) FS 2;ATO 4;ATI 4;STO-SE 2;EH A3 H228,H302,H332,H371,H402	1% - 10%

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CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene)	1% - 10%
	FL 3;SCI 2;SS 18;AH 1;EH A1,C1 H226,H304,H315,H317,H400,H410	
CAS 491-07-6 EINECS 207-727-4	d,I-Isomenthone	1% - 10%
REACH	FL 4; SCI 2; SS 1B; EH A3 H227, H315, H317, H402	1% - 10%
CAS 127-91-3 EINECS 204-872-5	beta-Pinene	1% - 10%
REACH	FL 3;ATO 5(3700);AH 1;SCI 2;SS 1B;EH A1,C1 H226,H303,H304,H315,H317,H400,H410	
CAS 105-87-3 EINECS 203-341-5	Geranyl acetate	1% - 10%
REACH	SCI 2;SS 1;EH C3 H315,H317,H412	
CAS 105-86-2 EINECS 203-339-4	Geranyl formate	1% - 10%
REACH	FL 4:SS 1B;EH A1,C2 H227,H317,H400,H411	
CAS 115-95-7 EINECS 204-116-4	Linalyl acetate	1% - 10%
REACH	FL 4; SCI 2; EDI 2A; EH A3 H227,H315,H319,H402	
CAS 10482-56-1 EINECS 233-986-8	p-menth-1-en-8-ol	1% - 10%
REACH	FL 4;ATO 5(4300);SCI 2;EDI 2A;STO-SE 3(RI);EH A2 H227,H303,H315,H319,H335,H401	
CAS 80-56-8 EINECS 201-291-9	Pinenes	1% - 10%
REACH	FL 3;ATO 4;AH 1;SCI 2;SS 1;EH A1,C1 H226,H302,H304,H315,H317,H400,H410	
CAS 7785-33-3 EINECS 232-078-9	Geranyl tiglate	<1%
REACH	ATO 4:SCI 2:SS 1:EDI 1:EH C2 H302,H315,H317,H318,H411	
CAS 876-17-5 EINECS 225-017-2	cis-Rose-oxide	<1%
REACH	SCI 2; EDI 2A; REP 2 H315,H319,H361	
CAS 5392-40-5 EINECS 226-394-6 REACH	Citral	<1%
	SCI 2; SS 1 H315,H317	
CAS 18794-84-8 EINECS 242-582-0 REACH	beta-Farnesene	<1%
	AH 1; SCI 2; SS 1 H304,H315,H317	
CAS 106-26-3 EINECS 203-379-2	Neral	<1%
REACH	SCI 2; SS 1; EDI 2A H315, H317, H319	

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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.

After skin contact

Irritating, may cause an allergic reaction. Remove contaminated clothing and wash thoroughly with soap and water. Seek medical advice if irritation persists or there are any signs of tissue damage.

After eye contact

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

After ingestion

May be fatal if 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.

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

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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 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.

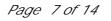
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FM74431 Code Number Version 3 Revised 20/05/2024 10:16:58 AM Individual protection measures Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period. 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. 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 70°C FLASH POINT (°C) **APPEARANCE** Mobile liquid COLOUR Yellow to olive yellow ODOUR Orange, geranium, lavender ODOUR THRESHOLD Not available pH @20 DEG C Not available MELTING/FREEZING POINT Not available

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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	0.88 - 0.9
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	у
10.1 Reactivity No data.	
10.2 Chemical Stability Stable under the recommended st	orage conditions (see section 7).
10.3 Possibility of hazardous rea No hazardous reactions if stored u	
10.4 Conditions to avoid Avoid exposure to heat, sources of	f ignition, and open flame. Avoid exposure to air.
10.5 Incompatible materials	and from highly alkaline or acidic material.

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10.6 Hazardous decomposition products

During combustion may form carbon monoxide, carbon dioxide and unidentified organic compounds.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity Not classified based on available data.

Skin corrosion / irritation Causes skin irritation.

Serious eye damage / irritation Causes serious eye damage.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

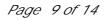
May be fatal if swallowed and enters airways.

Information on likely routes of exposure

No data

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

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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 Pinene (80-56-8): LC50 (96 h) - Cyprinus carpio (Carp) - 0.27 mg/L EC50 (48 h) - Daphnia magna – 0.475 mg/L EC50 (72 h) - Raphidocelis subcapitata – 0.31 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.

Section 13. Disposal considerations

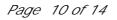
Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

Section 14. Transport information

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14.1 UN number			
ADR	3082		
ΙΑΤΑ	3082		
IMDG	3082		
14.2 UN prop	per shipping name		
ADR	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PINENE)		
ΙΑΤΑ	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (CONTAINS PINENE)		
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (CONTAINS PINENE)		
14.3 Transpo	ort hazard class(es)		
ADR	9		
ΙΑΤΑ	9		
IMDG	9		
14.4 Packing	j group		
ADR	III		
IATA	111		
IMDG	111		
Tunnel Code	(-)		
14.5 Environ	imental Hazards		
Dangerous	Dangerous for the environment. Marine pollutant.		
14.6 Special	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 Rail Transport (Australian Dangerous Goods Code (ADG Code)):			
HazChem	HazChem Code •3Z		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable			

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Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison Schedule (SUSMP): S6 POISON

HS Tariff Code: 3302.90.00

All the constituents of this material are compliant with AICIS regulation.

15.2 Chemical safety assessment A chemical safety assessment has not been carried out

Section 16. Other information

Full list of precautionary phrases

•	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing fumes.
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice.
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.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance to local regulations

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Wording of any haza	ard classes listed in section 3
FL 3	Flammable liquid, category 3
FL 4	Flammable liquid, category 4
FS 2	Flammable solid, category 2
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
STO-SE 3(RI)	Specific target organ, single exposure, respiratory irritation
MUT 2	Germ cell mutagenicity, category 2
CAR 2	Carcinogenicity, category 2
REP 2	Reproductive toxicity, category 2
STO-SE 2	Specific target organ, single exposure, 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
Wording of any hazard statements listed in section 3	
H226	Flammable liquid and vapour
H227	Combustible liquid
H228	Flammable solid
H302	Harmful if swallowed
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
H313	May be harmful in contact with skin

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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	
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	
H371	May cause damage to organs	
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 fu	urther information	
N/A = Not applicable SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons AIIC = Australian Inventory of Industrial Chemicals AICIS = Australian Industrial Chemicals Introduction Scheme		
Version 1: GHS format, BV 30/06/2021 Version 2: UN number assigned, RB 6/06/2023 Version 3: Minor changes, RB 20/05/2024		