

SAFETY DATA S GHS: According to 2015/830/		Printed on 07 Aug 20	92-
<i>Code Number Version 4 Revised 6/08</i>	FM78180 2/2024 3:42:40 PM		
Section 1. Identificatio	n of the substance/mixture and of t	the company/undertaki	ng
1.1 Product I dentifier			
Product Name	MARINE FUSION		
Code Number	FM78180		
Alternative Name			
REACH Reg No	Not registered		
1.2 Relevant identified	uses of the substance or mixture a	and uses advised agains	t
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		
1.4 Emergency Tel No	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		
SCI 2	Skin corrosion/irritation, category 2		
SS 1B	Skin sensitisation, category 1B		
EDI 2A	Eye damage/irritation, category 2A		
EH A2	Aquatic hazard, acute, category 2		
EH C2	Aquatic hazard, chronic, category 2		
2.2 Label elements			

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Code Number	FM78180	
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GHS classification	according to Regulation (EC) No 1272/2008	
Hazard Pictogram	ns	
	NL NL	
Signal Word	Warning	
Hazard Statemer	nts	
H227	Combustible liquid	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H319	Causes serious eye irritation	
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.	
P264	Wash hands thoroughly after handling	
P273	Avoid release to the environment.	
P280	Wear protective gloves and eye protection	
P333+P313	If skin irritation or rash occurs: Get medical advice.	
P337+P313	If eye irritation persists: Get medical attention.	
P362+P364	Take off contaminated clothing and wash it before reuse.	
P391	Collect spillage.	
P403+P235	Store in a well-ventilated place. Keep cool.	
P501	Dispose of contents/container in accordance to local regulation	
2.3 Other Hazards		
	tronellol, Coumarin, Eugenol, Geraniol, Isoeugenol, Limonene and / produce an allergic reaction	

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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 24851-98-7 EINECS 246-495-9 REACH	methyl 3-oxo-2-pentylcyclopentaneacetate EH A2 H401	10% - 30%
CAS 18479-58-8 EINECS 242-362-4 REACH	2,6-dimethyloct-7-en-2-ol FL 4;ATO 5(3600);SCI 2;EDI 2A;EH A3 H227,H303,H315,H319,H402	10% - 30%
CAS 10339-55-6 EINECS 233-732-6 REACH	3,7-dimethylnona-1,6-dien-3-ol FL 4;SCI 2;SS 1B;EDI 2A;EH A3 H227,H315,H317,H319,H402	1% - 10%
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	1% - 10%
CAS 54464-57-2 EINECS 259-174-3 REACH	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl) SCI 2;SS 1B;EH C1 H315,H317,H410	1% - 10%
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool FL 4; SS 1B H227,H317	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% - 10%
CAS 60-12-8 EINECS 200-456-2 REACH	2-phenylethanol ATO 4(1609);EDI 2A H302,H319	1% - 10%
CAS 14901-07-6 EINECS 238-969-9 REACH	4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one ATO 5;SCI 3;EH A2,C2 H303,H316,H401,H411	1% - 10%
CAS 1506-02-1 EINECS 244-240-6 REACH	1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)etha ATO 4(1000);EH A1,C1 H302,H400,H410	1% - 10%

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CAS 127-91-3 EINECS 204-872-5 REACH	beta-Pinene FL 3; ATO 5(3700); AH 1; SCI 2; SS 1B; EH A1, C1 H226, H303, H304, H315, H317, H400, H410	<1%
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%
CAS 90063-37-9 EINECS 289-995-2 REACH	Lavandula angustifolia FL 4; AH 1; SCI 2; SS 1A; EDI 2A; EH A2,C3 H227,H304,H315,H317,H319,H401,H412	< 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 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%
CAS 128-37-0 EINECS 204-881-4 REACH	2,6-di-tert-butyl-p-cresol EH A1,C1 H400,H410	<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 irritation. 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

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.

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- 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

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

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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.

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.

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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 phys	sical and chemical properties
FLASH POINT (°C)	84°C
APPEARANCE	Mobile liquid

741 2740 4102	
COLOUR	Pale yellow to yellow
ODOUR	Fresh, lavender, spicy, woody, musk, amber
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	0.885 - 0.915
SOLUBILITIES	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available
AUTO-IGNITION TEMPERATURE	Not available
DECOMPOSITION TEMPERATURE	Not available

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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 reactivit	ty
10.1 Reactivity No data.	
10.2 Chemical Stability Stable under the recommended si	torage 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	of ignition, and open flame. Avoid exposure to air.
10.5 Incompatible materials Keep away from oxidising agents	and from highly alkaline or acidic material.
10.6 Hazardous decomposition p During combustion may form cark compounds.	products pon monoxide, carbon dioxide and unidentified organic
Section 11. Toxicological informa	tion
11.1 Information on toxicologica	
Acute toxicity Not classified based on available of	
Skin corrosion / irritation Causes skin irritation.	
Serious eye damage / irritatio Causes serious eye irritation.	n
Respiratory or skin sensitisation May cause an allergic skin reaction	
Germ cell mutagenicity No data	

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Carcinogenicity No data Reproductive toxicity No data STO-single exposure No data STO-repeated exposure No data Aspiration hazard No data 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 Tetramethyl acetyloctahydronaphthalenes (54464-57-2): LC50 (96 h) - Lepomis macrochirus - 1.3 mg/L EC50 (48 h) - Daphnia magna - 1.38 mg/L EC50 (72 h) - Scenedesmus subspicatus - 2.6 mg/L NOEC (30 days) - Danio rerio - 0.16 mg/L

NOEC (21 days) - Daphnia magna – 0.044 mg/L

NOEC (72 h) - Scenedesmus subspicatus - 2.6 mg/L

12.2 Persistence and degradability

No test data available for this substance.

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12.3 Bioacc No data.	umulative potential	
12.4 Mobilit Avoid soil,	y in soil surface water and water-bearing stratu	um contamination.
12.5 Result No data.	s of PBT and vPvB assessment	
	adverse effects ns 6, 7, 13 and 15.	
Please refer 1 13.1 Waste	Disposal considerations to the information in section 8 (Exposur treatment methods accordance with the law and local regu	
Section 14.	Fransport information	
14.1 UN nui		
ADR	3082	
ΙΑΤΑ	3082	
IMDG	3082	
14.2 UN pro	pper shipping name	
ADR	ENVIRONMENTALLY HAZARDOUS S TETRAMETHYL ACETYLOCTAHYDRO	UBSTANCE, LIQUID, N.O.S. (CONTAINS NAPHTHALENES)
ΙΑΤΑ	ENVIRONMENTALLY HAZARDOUS S TETRAMETHYL ACETYLOCTAHYDRO	UBSTANCE, LIQUID, N.O.S. (CONTAINS NAPHTHALENES)
IMDG	ENVIRONMENTALLY HAZARDOUS S TETRAMETHYL ACETYLOCTAHYDRO	UBSTANCE, LIQUID, N.O.S. (CONTAINS NAPHTHALENES)
14.3 Transp	ort hazard class(es)	
ADR	9	
ΙΑΤΑ	9	
IMDG	9	

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14.4 Packing group		
ADR	111	
ΙΑΤΑ	111	
IMDG	111	
Tunnel Code	(-)	
14.5 Environm	nental Hazards	
Dangerous fo	r 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 Rai	I Transport (Australian Dangerous Goods Code (ADG Code)):	
HazChem Co	ode •3Z	
14.7 Transpor	t in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Not applicable	e.	
Section 15. Re	gulatory information	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture		
Poison Schedule (SUSMP): S5 CAUTION HS Tariff Code: 3302.90.00		
All the constituents of this material are compliant with AICIS regulation.		
15.2 Chemical safety assessment		
A chemical sa	afety assessment has not been carried out.	
Section 16. Other information		
Full list of precautionary phrases		
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	

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Code Number FM78180 Version 4 Revised 6/08/2024 3:42:40 PM 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 rinsina. If skin irritation or rash occurs: Get medical advice. P333+P313 P337+P313 If eye irritation persists: Get medical attention. Take off contaminated clothing and wash it before reuse. P362+P364 P391 Collect spillage. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance to local regulations Wording of any hazard 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 4 Acute toxicity, dermal, category 4 ATD 5 Acute toxicity, dermal, category 5 SCI 1B Skin corrosion/irritation, category 1B SCI 2 Skin corrosion/irritation, category 2 SCI 3 Skin corrosion/irritation, category 3 SS 1 Skin sensitisation, category 1 SS 1A Skin sensitisation, category 1A 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 5 Specific target organ, single exposure, respiratory irritation STO-SE 3(RI) MUT 2 Germ cell mutagenicity, category 2 Carcinogenicity, category 1B CAR 1B CAR 2 Carcinogenicity, category 2 Reproductive toxicity, category 2 RFP 2

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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 haza	rd 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
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H313	May be harmful in contact with skin
H314	Causes severe skin burns and eye damage
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
H350	May cause cancer
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

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Toxic to aquatic life with long lasting effects H411 Harmful to aquatic life with long lasting effects H412 References and further information N/A = Not applicableSUSMP = Standard for the Uniform Scheduling of Medicines and Poisons AIIC = Australian Inventory of Industrial Chemical AICIS = Australian Industrial Chemicals Introduction Scheme Version 1-2: GHS/CLP format, JJ 28/08/2021 Version 3: Minor formatting changes, JJ 28/08/2021 Version 4: GHS hazard update, RB 06/08/2024

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