# SAFETY DATA SHEET

Revision date: 19-Oct-2023

### Section 1: Identification

Product identifier	
Product Name	RELAXATION FM72014
Product Code(s)	00000027260
Other means of identification	
UN number or ID number	1993
Recommended use of the chemical	and restrictions on use
Recommended use	No information available.
Uses advised against	No information available.
Details of manufacturer or importer	-
Supplier Australian Botanical Products Ltd 39, Melverton Drive Victoria, 3803 ABN:45006782529 Telephone Number: +613 97094800	
Emergency telephone number	

Emergency telephone number 1 800 033 111 (ALL HOURS)

Please ensure you refer to the limitations of this Safety Data Sheet as set out in the "Other Information" section at the end of this Data Sheet.

#### Section 2: Hazard identification

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in: packagings that do not incorporate a receptacle exceeding 500 kg(L); or IBCs.

GHS Classification



#### Hazard statements

H226 - Flammable liquid and vapor

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

#### H319 - Causes serious eye irritation

H361 - Suspected of damaging fertility or the unborn child

H410 - Very toxic to aquatic life with long lasting effects

#### **Precautionary Statements - Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion-proof electrical/ ventilating / lighting/ other / equipment.

Use only non-sparking tools.

Take action to prevent static discharges.

Wash hands thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/eye protection/face protection.

Avoid release to the environment.

### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.

Specific treatment (see First aid on this label).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.

IF ON SKIN: Wash with plenty of water and soap.

IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.

If skin irritation or rash occurs: Get medical advice/attention.

Take off immediately all contaminated clothing and wash it before reuse.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

In case of fire: Use extinguishing media as outlined in Section 5 of this Safety Data Sheet to extinguish...

Collect spillage.

#### **Precautionary Statements - Storage**

Store locked up.

Store in a well-ventilated place. Keep cool.

#### Other hazards which do not result in classification

#### May be harmful if swallowed.

Very toxic to aquatic life.

#### Section 3: Composition and information on ingredients

Chemical name	CAS No.	Weight-%
d-Limonene	5989-27-5	10-30
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)	78-70-6	10-30
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- (.betaPinene)	127-91-3	1-10
Camphor	76-22-2	1-10
Camphene	79-92-5	1-10
.betaCaryophyllene	87-44-5	1-10
1,6-Octadiene, 7-methyl-3-methylene- (myrcene)	123-35-3	1-10
Citral	5392-40-5	1-10
.alphaCedrene	469-61-4	1-10
.alphaPinene	80-56-8	1-10
D,L-Citronellol	106-22-9	1-10
p-Mentha-1,4-diene	99-85-4	1-10

2,6-Octadien-1-ol, 3,7-dimethyl-, (E)- (Geraniol)	106-24-1	1-10
1,8-Cineole	470-82-6	1-10
Lavender, lavandula angustifolia, extract	90063-37-9	<1
2-methyl-3-(4-tertbutylphenyl)-propanal (Lilial)	80-54-6	<1

### Section 4: First aid measures

#### Description of first aid measures

General advice	For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.
Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Rinse mouth.

#### Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
Effects of Exposure	No information available.
Indication of any immediate medical attention and special treatment needed	
Note to physicians	Treat symptomatically.

# Section 5: Firefighting measures

Suitable Extinguishing Media			
Suitable extinguishing media	Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.		
Unsuitable extinguishing media	No information available.		
Specific hazards arising from the c	hemical		
Specific hazards arising from the chemical	No information available.		
Special protective actions for fire-fighters			
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.		
Hazchem code	•3Y		
Section 6: Accidental release measures			

Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation.	
For emergency responders	Use personal protection recommended in Section 8.	
Environmental precautions		
Environmental precautions	See Section 12 for additional Ecological Information.	
Methods and material for containment and cleaning up		
Methods for containment	Prevent further leakage or spillage if safe to do so.	

# Section 7: Handling and storage

Precautions for safe handling		
Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.	
Conditions for safe storage, including any incompatibilities		
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible materials	None known based on information supplied.	

# Section 8: Exposure controls and personal protection

#### Control parameters

#### Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Chemical name	Australia	New Zealand	ACGIH TLV
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- (.betaPinene) 127-91-3	-	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> STEL: 10 ppm STEL: 56 mg/m <sup>3</sup> Sk*	TWA: 20 ppm dermal sensitizer
Camphor 76-22-2	TWA: 2 ppm TWA: 12 mg/m <sup>3</sup> STEL: 3 ppm STEL: 19 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 12 mg/m <sup>3</sup> STEL: 3 ppm STEL: 19 mg/m <sup>3</sup>	TWA: 2 ppm synthetic STEL: 3 ppm synthetic
Camphene 79-92-5	-	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> STEL: 10 ppm STEL: 56 mg/m <sup>3</sup> Sk*	-
Citral 5392-40-5	-	-	TWA: 5 ppm inhalable fraction and vapor Sk* dermal sensitizer
.alphaPinene 80-56-8	-	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> STEL: 10 ppm STEL: 56 mg/m <sup>3</sup> Sk*	TWA: 20 ppm dermal sensitizer

Chemical name	European Union	United Kingdom	Germany DFG
d-Limonene	-	-	TWA: 5 ppm
5989-27-5			TWA: 28 mg/m <sup>3</sup>
			Peak: 20 ppm
			Peak: 112 mg/m <sup>3</sup>
			Sk*
			skin sensitizer
Camphor	-	TWA: 2 ppm	-
76-22-2		TWA: 13 mg/m <sup>3</sup>	
		STEL: 3 ppm	
		STEL: 19 mg/m <sup>3</sup>	
2,6-Octadien-1-ol, 3,7-dimethyl-, (E)-	-	-	skin sensitizer
(Geraniol)			
106-24-1			

#### Appropriate engineering controls

Engineering controls	Showers Eyewash stations Ventilation systems.
Individual protection measures, su	ch as personal protective equipment
Eye/face protection	Appropriate eye/face protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.
Skin and body protection	Appropriate skin and body protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.
Hand protection	Appropriate hand protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.
Respiratory protection	Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Environmental exposure controls	No information available.
Thermal hazards	No information available.

# Section 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state Appearance Color Odor Odor threshold	Liquid No information available No information available No information available No information available	
Property	Values	Remarks • Method
pH	No data available	None known
pH (as aqueous solution)	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	59 °C	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known

Flammability Limit in Air Upper flammability or explosive limits	No data available	None known
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

#### Other information

No information available

Section 10: Stability and reactivity	
Reactivity	
Reactivity	No information available.
Chemical stability	
Stability	Stable under normal conditions.
Explosion data Sensitivity to mechanical impact Sensitivity to static discharge	None. None.
Possibility of hazardous reactions	
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	
Conditions to avoid	None known based on information supplied.
Incompatible materials	
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	
Hazardous decomposition products	None known based on information supplied.

# Section 11: Toxicological information

Information on likely routes of exposure

#### **Product Information**

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.

#### Ingestion

Specific test data for the substance or mixture is not available.

Symptoms

No information available.

#### Acute toxicity\_.

Numerical measures of toxicity - Product Information No information available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
d-Limonene	= 5200 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
	= 4400 mg/kg (Rat)		
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)	= 2790 mg/kg (Rat)	= 5610 mg/kg (Rabbit)	-
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- (.betaPinene)	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Camphor	-	> 2000 mg/kg (Rat)	-
Camphene	> 5 g/kg (Rat)	> 2500 mg/kg (Rabbit)	-
1,6-Octadiene, 7-methyl-3-methylene- (myrcene)	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	-
Citral	= 4960 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	-
.alphaPinene	= 3700 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
D,L-Citronellol	= 3450 mg/kg (Rat)	= 2650 mg/kg (Rabbit)	-
p-Mentha-1,4-diene	= 3650 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
2,6-Octadien-1-ol, 3,7-dimethyl-, (E)- (Geraniol)	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
1,8-Cineole	= 2480 mg/kg (Rat)	-	-
Lavender, lavandula angustifolia, extract	-	> 5000 mg/kg (Rabbit)	-
2-methyl-3-(4-tertbutylphenyl)-propan al (Lilial)	= 1390 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 1802 mg/m³ (Rat)4 h

See section 16 for terms and abbreviations

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

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Chemical name	Australia	European Union	IARC
d-Limonene - 5989-27-5	-	-	Group 3
1,6-Octadiene, 7-methyl-3-methylene- (myrcene) - 123-35-3	-	-	Group 2B

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# Section 12: Ecological information

#### **Ecotoxicity**

Aquatic ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
d-Limonene	-	LC50: 0.619 - 0.796mg/L (96h, Pimephales promelas) LC50: =35mg/L (96h, Oncorhynchus mykiss)	-	LC50 Daphnia magna (Water flea) 0.577 mg/L/48 hr (1)
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)	EC50: =88.3mg/L (96h, Desmodesmus subspicatus)	LC50: =27.8mg/L (96h, Oncorhynchus mykiss)	-	EC50: =20mg/L (48h, Daphnia magna)
Camphene	EC50: >1000mg/L (72h, Desmodesmus subspicatus)	LC50: =0.72mg/L (96h, Brachydanio rerio) LC50: =150mg/L (96h, Brachydanio rerio)	-	EC50: =22mg/L (48h, Daphnia magna)
Citral	EC50: =16mg/L (72h, Desmodesmus subspicatus) EC50: =19mg/L (96h, Desmodesmus subspicatus)	-	-	EC50: =7mg/L (48h, Daphnia magna)
.alphaPinene	-	LC50: =0.28mg/L (96h, Pimephales promelas)	-	LC50: =41mg/L (48h, Daphnia magna)
2,6-Octadien-1-ol, 3,7-dimethyl-, (E)- (Geraniol)	-	LC50: =22mg/L (96h, Danio rerio)	-	-
1,8-Cineole	-	LC50: 95.4 - 109mg/L (96h, Pimephales promelas)	-	-
2-methyl-3-(4-tertbutylphenyl)- propanal (Lilial)	-	LC50: 2.2 - 4.6mg/L (96h, Brachydanio rerio)	-	EC50: =10.7mg/L (48h, Daphnia magna)

**Terrestrial ecotoxicity** 

There is no data for this product.

#### Persistence and degradability

Persistence and degradability No information available.

#### Bioaccumulative potential

**Bioaccumulation** 

There is no data for this product.

Chemical name	Partition coefficient
d-Limonene	4.23
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)	2.9
Camphor	2.414
Camphene	4.22
.betaCaryophyllene	1.648
1,6-Octadiene, 7-methyl-3-methylene- (myrcene)	4.82
Citral	2.76
.alphaPinene	4.1
D,L-Citronellol	3.41
p-Mentha-1,4-diene	5.4
2,6-Octadien-1-ol, 3,7-dimethyl-, (E)- (Geraniol)	2.6
1,8-Cineole	3.4
2-methyl-3-(4-tertbutylphenyl)-propanal (Lilial)	4.2

#### **Mobility**

Mobility	No information available.
Other adverse effects	
Other adverse effects	No information available.

# Section 13: Disposal considerations

#### Waste treatment methods

Waste from residues/unused products	Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

See section 8 for more information

Section 14: Transport in	formation
ADG_	Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.
	Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in: packagings that do not incorporate a receptacle exceeding 500 kg(L); or IBCs.
UN number or ID number Proper shipping name Transport hazard class(es) Packing group Hazchem code	1993 FLAMMABLE LIQUID, N.O.S. (CONTAINS D-LIMONENE) 3 III •3Y

#### IATA Not regulated

#### IMDG Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

### Section 15: Regulatory information

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

#### National regulations

#### Australia

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in: packagings that do not incorporate a receptacle exceeding 500 kg(L); or IBCs.

See section 8 for national exposure control parameters

#### Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP) **Poison Schedule Number** 5

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Contact supplier for inventory compliance status

Chemical name	Australian Industrial Chemicals Introduction Scheme (AICIS)	Additional information
d-Limonene - 5989-27-5	Present	Specific information requirement: Obligations to provide information apply. You must tell us within 28 days if the circumstances of your importation or manufacture (introduction) are different to those in our assessment.
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool) - 78-70-6	Present	-
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- (.betaPinene) - 127-91-3	Present	-
Camphor - 76-22-2	Present	-
Camphene - 79-92-5	Present	-
betaCaryophyllene - 87-44-5	Present	-
1,6-Octadiene, 7-methyl-3-methylene- (myrcene) - 123-35-3	Present	-
Citral - 5392-40-5	Present	-
.alphaCedrene - 469-61-4	Present	-
.alphaPinene - 80-56-8	Present	-
D,L-Citronellol - 106-22-9	Present	-
p-Mentha-1,4-diene - 99-85-4	Present	-
2,6-Octadien-1-ol, 3,7-dimethyl-, (E)- (Geraniol) - 106-24-1	Present	-
1,8-Cineole - 470-82-6	Present	-

	Australian Industrial Chemicals Introduction Scheme (AICIS)	Additional information
Lavender, lavandula angustifolia, extract - 90063-37-9	Present	-
2-methyl-3-(4-tertbutylphenyl)-propan al (Lilial) - 80-54-6	Present	-

#### Illicit Drug Precursors/Reagents

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

Chemical name	National pollutant inventory
d-Limonene - 5989-27-5	20 MW Threshold category 2b total
	60000 MWH Threshold category 2b total
	1 tonne/h Threshold category 2a total
	25 tonne/yr Threshold category 1a total
	400 tonne/yr Threshold category 2a total
	2000 tonne/yr Threshold category 2b total
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- (.betaPinene) -	20 MW Threshold category 2b total
127-91-3	60000 MWH Threshold category 2b total
	1 tonne/h Threshold category 2a total
	25 tonne/yr Threshold category 1a total
	400 tonne/yr Threshold category 2a total
	2000 tonne/yr Threshold category 2b total
alphaPinene - 80-56-8	20 MW Threshold category 2b total
	60000 MWH Threshold category 2b total
	1 tonne/h Threshold category 2a total
	25 tonne/yr Threshold category 1a total
	400 tonne/yr Threshold category 2a total
	2000 tonne/yr Threshold category 2b total

International Inventories	
AIIC	All the constituents of this material are listed on the Australian Inventory of Industrial
	Chemicals.
NZIoC	Contact supplier for inventory compliance status.
TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
Legend: AllC- Australian Inventory of Indu	strial Chemicals

NZIOC - New Zealand Inventory of Chemicals

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

#### International Regulations

#### The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Section 16: Oth	ner information					
Reason(s) For Issue	: Fir	First Issue Scanned SDS				
Prepared By		This Safety Data Sheet has been prepared by Ixom Operations Pty Ltd (Toxicology and SDS Services).				
Revision date:	19	19-Oct-2023				
Revision Note:						
The symbol (*) in the	margin of this SDS in	ndicates that this lin	e has been revis	sed.		
Key or legend to abl	previations and acr	onyms used in the	e safety data sh	eet		
Legend SVHC: Substances of PBT: Persistent, Bio vPvB: Very Persisten STOT: Specific Targe ATE: Acute Toxicity E LC50: 50% Lethal Co LD50: 50% Lethal Do	accumulative, and T nt and very Bioaccur t Organ Toxicity stimate ncentration	oxic (PBT) Substan				
Legend Section 8:	EXPOSURE CONTR	OLS/PERSONAL	PROTECTION			
Ceiling M	WA (time-weighted a aximum limit value arcinogen	verage)	STEL *	STEL (Short Term Exposure Limit) Skin designation		
	stances and Disease rotection Agency Ch y Authority (EFSA) tion Agency eline Level(s) (AEGL rotection Agency Fe rotection Agency Hig al e Database Chemical Informatio echnology and Evalu ustrial Chemicals No chemicals Introduction tute for Occupationa edicine's ChemID Plue edicine's PubMed da ogy Program (NTP) ical Classification an iomic Co-operation a iomic Co-operation a	e Registry (ATSDR) emView Database (s)) deral Insecticide, Fi h Production Volur n Database (IUCLII hation (NITE) tification and Asses n Scheme (AICIS) I Safety and Health is (NLM CIP) tabase (NLM PUBN d Information Datal nd Development Ei nd Development H	ungicide, and Ro ne Chemicals D) ssment Scheme ) /IED) pase (CCID) nvironment, Hea igh Production V	(NICNAS) Ith, and Safety Publications olume Chemicals Program		

#### <u>Disclaimer</u>

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet