

Printed on 15 Dec 2023

GHS: According to 2015/830/EU

Code Number FM73721

Version 3 Revised 15/12/2023 4:19:06 PM

Section 1. I dentification of the substance/mixture and of the company/undertaking

1.1 Product I dentifier

Product Name SPIRITUS SANCTI

Code Number FM73721

Alternative Name

REACH Reg No Not registered

1.2 Relevant identified uses of the substance or mixture and uses advised against For fragrance use.

1.3 Details of the supplier of the safety data sheet

Australian Botanical Products Ltd

39 Melverton Drive, Hallam

Flammable liquid, category 4

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 Identification

## 2.1 Classification of the substance or mixture

ATO 5	Acute toxicity, oral, category 5
AH 1	Aspiration hazard, category 1
SCI 2	Skin corrosion/irritation, category 2
SS 1A	Skin sensitisation, category 1A
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

FL 4

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GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Danger

**Hazard Statements** 

H227 Combustible liquid

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

H411 Toxic to aquatic life with long lasting effects

**Precautionary Statements** 

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.

P331 Do NOT induce vomiting.

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.

P405 Store locked up.

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P501 Dispose of contents and container in accordance to local

regulations.

#### 2.3 Other Hazards

Contains alpha-iso-Methylionone, Amyl Cinnamal, Cinnamal, Citral, Citronellol, Eugenol, 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 54464-57-2 EINECS 259-174-3 REACH  CAS 80-56-8 EINECS 201-291-9 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	10% - 30%
	Pinenes  FL 3;ATO 4;AH 1;SCI 2;SS 1;EH A1,C1 H226,H302,H304,H315,H317,H400,H410	1% - 10%
CAS 125-12-2 EINECS 204-727-6 REACH	exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acetate FL 4;SCI 3;EH A2 H227,H316,H401	1% - 10%
CAS 32388-55-9 EINECS 251-020-3 REACH	[3R-(3a,3aß,7ß,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetra ATO 5;SS 1B;EH A1,C1 H303,H317,H400,H410	1% - 10%
CAS 67801-20-1 EINECS 267-140-4 REACH	3-methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)pent-4-en-2-o EH A2,C2 H401,H411	1% - 10%
CAS 122-97-4 EINECS 204-587-6 REACH	3-phenylpropan-1-ol ATO 5(2300);SCI 1;EDI 2A;EH A3 H303,H314,H319,H402	1% - 10%
CAS 122-40-7 EINECS 204-541-5 REACH	2-benzylideneheptanal ATO 5;SS 1B;EH A1,C2 H303,H317,H400,H411	1% - 10%
CAS 110-41-8 EINECS 203-765-0 REACH	2-methylundecanal SCI 2;SS 1B;EH A1,C1 H315,H317,H400,H410	1% - 10%

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CAS 2867-05-2 EINECS 220-686-7 REACH	alpha-thujene (5-isopropyl-2-methylbicyclo[3.1.0]hex-2-ene)	1% - 10%
	FL 3;ATO 4;AH 1;SCI 2;SS 1;EH C2 H226,H302,H304,H315,H317,H411	
CAS 470-82-6 EINECS 207-431-5 REACH	Cineols (Eucalyptol)	1% - 10%
	FL 3;ATO 5(2480);SS 1B H226,H303,H317	1% - 10%
CAS 5989-27-5 EINECS 227-813-5	d-Limonene (p-Mentha-1,8-diene)	1% - 10%
REACH	FL 3; SCI 2; SS 1B; AH 1; EH A1, C1 H226, H304, H315, H317, H400, H410	176 - 1076
CAS 127-91-3 EINECS 204-872-5	beta-Pinene	<1%
REACH	FL 3;ATO 5(3700);AH 1;SCI 2;SS 1B;EH A1,C1 H226,H303,H304,H315,H317,H400,H410	< 1 70
CAS 104-55-2 EINECS 203-213-9 REACH	cinnamaldehyde	<1%
	FL 4;ATO 5;ATD 5;SCI 2;SS 1A;EDI 2A H227,H303,H313,H315,H317,H319	< 170
CAS 140-67-0 EINECS 205-427-8 REACH	Estragole (Methyl chavicol)	<1%
	FL 4;ATO 4(1230);SCI 3;SS 1B;CAR 2;MUT 2 H227,H302,H316,H317,H341,H351	170
CAS 97-53-0 EINECS 202-589-1 REACH	Eugenol	<1%
	ATO 5(2000); SCI 2; SS 1; EDI 2A H303, H315, H317, H319	170
CAS 1335-66-6 EINECS 215-638-7 REACH	isocyclocitral	<1%
	FL 4;ATO 5(4500);SCI 2;SS 1;EDI 2A;EH A3,C3 H227,H303,H315,H317,H319,H402,H412	170
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene)	<1%
	FL 3; ATO 5(3850); AH 1; REP 2; EH A2, C2 H226, H303, H304, H361, H401, H411	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CAS 13466-78-9 EINECS 236-719-3 REACH	3-Carene (delta-3-Carene)	<1%
	FL 3;ATO 5(4800);SCI 2;SS 1;AH 1 H226,H303,H304,H315,H317	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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.

## 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

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any signs of tissue damage.

## After eye contact

Highly irritating. 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 harmful if swallowed and 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

#### 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.

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## 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.

## 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.

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#### 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

FLASH POINT (°C) 64°C

APPEARANCE Mobile liquid
COLOUR Yellow to amber

ODOUR Frankincense, resin, smoky, pine, eucalyptus, wax,

clear

ODOUR THRESHOLD

pH @20 DEG C

MELTING/FREEZING POINT

Not available

INITIAL BOILING POINT AND

Not available

RANGE

**EVAPORATION RATE** 

FLAMMABILITY (SOLID/GAS) Not available

UPPER/LOWER FLAMMABILITY

LIMITS

Not available

Not available

VAPOUR PRESSURE Not available

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VAPOUR DENSITY Not available

SPECIFIC GRAVITY @ 20°C 0.88 to 0.91

SOLUBILITIES Insoluble in water

PARTITION COEFF Not available

N-OCTANAL/WATER

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.

## 10.2 Chemical Stability

Stable under the recommended storage conditions (see section 7).

## 10.3 Possibility of hazardous reactions

No hazardous reactions if stored under suitable storage conditions.

## 10.4 Conditions to avoid

Avoid exposure to heat, sources 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 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

May be harmful if swallowed.

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Skin corrosion / irritation

Causes skin irritation.

Serious eye damage / irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

No data

Carcinogenicity

Suspected of causing cancer.

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

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

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### 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.

### 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

#### 14.1 UN number

ADR 3082 IATA 3082 IMDG 3082

## 14.2 UN proper shipping name

ADR ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)

IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS

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## TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)

14.3 Transport hazard class(es)

ADR 9
IATA 9
IMDG 9

14.4 Packing group

ADR III
IATA III
IMDG III
Tunnel Code (-)

14.5 Environmental 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 Rail Transport (Australian Dangerous Goods Code (ADG Code)):

HazChem Code • 3Z

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

## Section 15. Regulatory 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 safety assessment has not been carried out

Section 16. Other information

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Full list of precaution	nary 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.
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.
P405	Store locked up.
P501	Dispose of contents and container in accordance to local regulations.
Wording of any haza	rd classes listed in section 3
FL 3	Flammable liquid, category 3
FL 4	Flammable liquid, category 4
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 1	Skin corrosion/irritation, category 1
SCI 2	Skin corrosion/irritation, category 2

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. However, the accuracy of this information cannot be guaranteed by the company as the data has been obtained from different sources. We will not, therefore, accept liability for misuse of this data resulting in damage or loss.

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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 2A	Eye damage/irritation, category 2A
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
Wording of any haz	ard statements listed in section 3
H226	Flammable liquid and vapour
H227	Combustible liquid
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
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye 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

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References and further 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 1-2: GHS format 1/06/2017

Version 2: Mandatory revision, RB 15/12/2023