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SAFETY DATA SHEET

Printed on 12 June 2018

CLP: According to 2015/830/EU

Code Number NAT-11624
Version 6 Revised 12/06/2018 11:54:15

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name GINGER OIL {B113}
Code Number NAT-11624
Alternative Name
REACH Reg No Not registered

1.2 Relevant identified uses of the substance or mixture and uses advised against

Concentrated material for manufacturing purposes only

1.3 Details of the supplier of the safety data sheet

Absolute Aromas
Absolute Aromas Ltd
1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX
Telephone Number +44 (0) 1420 540400
Email Address Relax@absolute-aromas.com

1.4 Emergency Tel No +44 (0) 1420 540400

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

SC1 2 Skin corrosion/irritation, category 2
SS 1 Skin sensitisation, category 1
EH C2 Aquatic hazard, chronic, category 2

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CLP Label elements

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

Hazard Pictograms



Signal Word Warning

Hazard Statements

- | | |
|------|---|
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| 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. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice. |
| P501 | Dispose of contents and container in accordance with local regulation. |

2.3 Other Hazards

Contains Citral, Geraniol and Linalool which may produce an allergic reaction

No further information available at this time

3. Composition / information on ingredients

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

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3.1 Substances

Description GINGER OIL {B113}
EC/EINECS 283-634-2
CAS Number 84696-15-1
USCAS Number 8007-08-7

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 495-61-4 EINECS 207-805-8 REACH	beta-Bisabolene (Bisabolene) AH 1;SCI 2;SS 1B H304,H315,H317	7.5000
CAS 79-92-5 EINECS 201-234-8 REACH	Camphene FS 2;EDI 2;EH A1,C1 H228,H319,H400,H410	6.4000
CAS 555-10-2 EINECS 209-081-9 REACH	beta-Phellandrene FL 3;AH 1 H226,H304	4.0000
CAS 470-82-6 EINECS 207-431-5 REACH	1,8-Cineole (Eucalyptol) FL 3 H226	2.5000
CAS 80-56-8 EINECS 201-291-9 REACH	alpha-Pinene FL 3;SCI 2;SS 1B;AH 1 H226,H304,H315,H317	2.4000
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool EDI 2;SCI 2 H315,H319	2.0000
CAS 7705-14-8 EINECS 231-732-0 REACH	d,l-Limonene (isomer unspecified) FL 3;AH 1;SCI 2;SS 1B;EH A1,C1 H226,H304,H315,H317,H400,H410	1.2000
CAS 110-93-0 EINECS 203-816-7 REACH	6-Methyl-5-hepten-2-one (MHO) FL 3 H226	1.1000
CAS 123-35-3 EINECS 204-622-5 REACH	Myrcene FL 3;AH 1;SCI 2;EDI 2 H226,H304,H315,H319	1.0000
CAS 507-70-0 EINECS 208-080-0 REACH	Borneol FS 2 H228	1.0000

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CAS 7212-44-4 EINECS 230-597-5 REACH	Nerolidol EDI 2;EH A1,C1 H319,H400,H410	0.9000
CAS 106-26-3 EINECS 203-379-2 REACH	Neral SCI 2;SS 1B;EDI 2 H315,H317,H319	0.6300
CAS 639-99-6 EINECS 211-360-5 REACH	Elemol	0.3200
CAS 586-62-9 EINECS 209-578-0 REACH	Terpinolene FL 3;AH 1;EH C2 H226,H304,H411	0.2500
CAS 127-91-3 EINECS 204-872-5 REACH	beta-Pinene FL 3;SCI 2;SS 1B;AH 1 H226,H304,H315,H317	0.2500
CAS 99-83-2 EINECS 202-792-5 REACH	alpha-Phellandrene FL 3;AH 1 H226,H304	0.2500
CAS 112-31-2 EINECS 203-957-4 REACH	Decanal SCI 2;EDI 2;EH C3 H315,H319,H412	0.1250
CAS 124-13-0 EINECS 204-683-8 REACH	Octanal FL 3;SCI 2;EDI 2;EH C3 H226,H315,H319,H412	0.1100
CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol SCI 2;EDI 1;SS 1 H315,H317,H318	0.1000
CAS 99-87-6 EINECS 202-796-7 REACH	para-Cymene FL 3;AH 1;EH C2 H226,H304,H411	0.0900
CAS 76-22-2 EINECS 200-945-0 REACH	Camphor (1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one) FS 2;ATI 4;STO-SE 2 H228,H332,H371	0.0800
CAS 13466-78-9 EINECS 236-719-3 REACH	delta-3-Carene FL 3;SCI 2;SS 1;AH 1 H226,H304,H315,H317	0.0460
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene) FL 3;AH 1 H226,H304	0.0450
CAS 99-86-5 EINECS 202-795-1 REACH	Terpinenes (para-Mentha-1,4-diene) FL 3;ATO 4(1680);AH 1;EH C2 H226,H302,H304,H411	0.0280

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

4. First Aid measures

Take phrases in sections 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

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

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

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 protective clothing and avoid inhalation of vapours.

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.

6.2 Environmental precautions

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

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water

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

7. Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

7.3 Specific end use(s)

No further information available

8. Exposure controls / personal protection

8.1 Control Parameters

No information available

8.2 Exposure controls

Engineering controls

No information available

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

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

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

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

Thermal hazards
No information available

Environmental exposure controls
No information available

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

FLASH POINT (°C)	66
Liquid	Mobile Liquid
Colour	Pale Yellow - Green
Aroma	Spicy

9.2 Other information

No further information available

10. Stability and reactivity

10.1 Reactivity

Not determined

10.2 Chemical Stability

Not determined

10.3 Possibility of hazardous reactions

Not determined

10.4 Conditions to avoid

Extreme temperatures

10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous decomposition products

Not determined

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11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion / irritation

No data available

Serious eye damage / irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STO-single exposure

No data available

STO-repeated exposure

No data available

Aspiration hazard

No data available

Information on likely routes of exposure

No data available

Symptoms related to the physical, chemical and toxicological characteristics

No data available

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

No data available

Interactive effects

No data available

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Other information
No data available

12. Ecological information

12.1 Toxicity

No data available; avoid soil, surface water and water-bearing stratum contamination.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

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.

14. Transport information

14.1 UN number 3082

14.2 UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Ginger oil)

14.3 Transport hazard class(es) 9

14.4 Packing group III

Tunnel Code (E)

14.5 Environmental Hazards
No relevant information available

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14.6 Special precautions for user

No relevant information available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. Regulatory information

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

No relevant information available at this time

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

16. Other information

Full list of precautionary phrases

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of water.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P501	Dispose of contents and container in accordance with local regulation.

Wording of any hazard classes listed in section 3

FL 3	Flammable liquid, category 3
FS 2	Flammable solid, category 2
ATO 4	Acute toxicity, oral, category 4
AH 1	Aspiration hazard, category 1
SCI 2	Skin corrosion/irritation, category 2
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2	Eye damage/irritation, category 2
ATI 4	Acute toxicity, inhalation, category 4
STO-SE 2	Specific target organ, single exposure, category 2
EH A1	Aquatic hazard, acute, category 1

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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

H228 Flammable solid

H302 Harmful if swallowed

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

H319 Causes serious eye irritation

H332 Harmful if inhaled

H371 May cause damage to % %

H400 Very toxic 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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