



**Safety Data Sheet**  
*according to 1907/2006/EC, Article 31, amended by  
Regulation (EU) No. 453/2010*

## DETOX

Date: 04/09/2018

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

#### 1.1 Product Identifier

**Trade Name:** Detox

**INCI Name:** Citrus Grandis Peel Oil, Citrus Limon Peel Oil, Juniperus Communis Fruit Oil, Rosmarinus Officinalis Leaf Oil, Foeniculum Vulgare Dulce Fruit Oil, Piper Nigrum Fruit Oil, Zingiber Officinale Root Oil

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

**Use of product:** For cosmetic and hygiene products.

#### 1.3 Details of the supplier of the safety data sheet

Aromantic Ltd  
15 Greshop Road  
Forres  
Moray  
IV36 2GU  
Tel: +44 (0)1309 696900  
Fax: +44 (0)1309 696911  
Email: [info@aromantic.co.uk](mailto:info@aromantic.co.uk)

#### 1.4 Emergency telephone number

Health and Safety Executive (HSE) Chemicals Regulation Directorate  
5S.1 Redgrave Court, Merton Road, Bootle, Merseyside. L20 7HS  
Telephone: +44 151 951 3317  
Email: [biocidesenquiries@hse.gsi.gov.uk](mailto:biocidesenquiries@hse.gsi.gov.uk)  
REACH and CLP UK CA Help Desk, Health and Safety Executive  
2.3 Redgrave Court, Merton Road, L20 7HS Bootle, Merseyside  
Email: [ukreachca@hse.gsi.gov.uk](mailto:ukreachca@hse.gsi.gov.uk)

### 2. Hazards Identification

## 2.1 Classification of the substance or mixture

### Classification according to Regulation (EC) No 1272/2008

Flam.Liq. 3 H226 Flammable liquid and vapour

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Acute 1 H400 Very toxic to aquatic life

Aquatic Chronic 2 H410 Very toxic to aquatic life with long lasting effects

### Classification according to Directive No 67 /548/EEC / Directive 1999/45/EC

Xn Harmful

R65 Harmful: may cause lung damage if swallowed

N: Harmful for the environment

R50/53 Very toxic to aquatic organisms. May cause long-term adverse effect in the aquatic environment

Xi Sensitising

R36/38: Irritating to eyes and skin

R43: May cause sensitisation by skin contact

R10 Flammable

Further information on health effects and symptoms can be found in Section 11.

## 2.2 Label elements

### LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008

#### HAZARD PICTOGRAMS:



GHS02 GHS07 GHS08 GHS09

**SIGNAL WORD:** Danger.

#### HAZARD STATEMENTS:

H226 Flammable liquid and vapour

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways.

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

#### PRECAUTIONARY STATEMENTS:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P262 Do not get in eyes, on skin, or on clothing.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310+P331 **IF SWALLOWED:** Immediately call a POISON CENTER or doctor, physician. Do not induce vomiting.

P303+P361+P353 **IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing and rinse skin with water/shower.

P501 Dispose of contents/the container in accordance with current legislation.

## 2.3 Other hazards

## 3. Composition/Information on ingredients

### 3.1 Substances

#### 3.2 Mixtures

**Description:** Blend of essential oils (extracted by distillation or pressing): lemon (peel), grapefruit (peel), juniper berry (berries), rosemary (leaves), fennel (seed), ginger (root) and black pepper (fruit).

#### Information on essentials oils:

Lemon

INCI Name: Citrus Limon Peel Oil

CAS No: 8008-56-8 / 84929-31-7

EC No: - / 284-515-8

Grapefruit

INCI Name: Citrus Grandis Peel Oil

CAS No: 900-43-5 / 8010-20-4

EC No: 289-904-6 / -

Juniper Berry

INCI Name: Juniperus Communis Fruit Oil

CAS No: 8002-68-4 / 73049-62-4 / 84603-69-0

EC No: - / - / 283-268-3

Rosemary

INCI Name: Rosmarinus Officinalis Leaf Oil

CAS No: 84604-14-8 / 8000-25-7

EC No: 283-291-9

Fennel

INCI Name: Foeniculum Vulgare Dulce Fruit Oil

CAS No: 84455-29-8

EC No: 282-892-3

Ginger

INCI Name: Zingiber Officinale Root Oil

CAS No: 8007-08-7

EC No: -

Black Pepper

INCI Name: Piper Nigrum Fruit Oil

CAS No: 84929-41-9

EC No: 284-524-7

Main components	Identifiers		%
Name	CAS No	EINECS No	
Limonene	5989-27-5/5989-54-8/138-86-3	227-813-5/227-54-8/931-893-3	≈ 55
Alpha-Pinene	80-56-8	201-291-9	≈ 5
Trans-Anethole	4180-23-8 / 104-46-1	224-052-0 / 203-205-5	≈ 3

Camphor	464-49-3 / 76-22-2	207-355-2 / 200-945-0	≈ 2
Beta-Caryophyllene	87-44-5	201-746-1	≈ 2
Zingiberene	495-60-3	207-804-2	≈ 2
Citral	5392-40-5	226-394-6	≈ 2

### Warning signs and risk phrases:

Xn: Harmful

R10: Flammable

R36/38: Irritating to eyes and skin

R43: May cause sensitisation by skin contact

R51/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65: Harmful: may cause lung damage if swallowed

According to EU Directive 26 allergens must be declared in the final product where there is more than 0.001% (10ppm) in products left on the skin and 0.01% (100ppm) in rinse-off products. Of the 26 allergens the following components are present in Detox:

#### Allergens:

Limonene, CAS no 5989-27-5 up to 55.2 %

Citral CAS no 5392-40-5 up to 2.0%

Linalool CAS no 78-70-6 up to 0.5%

Farnesol CAS no 4602-84-0 up to 0.2%

Geraniol CAS no 106-24-1 up to 0.11%

## 4. First Aid Measures

### 4.1 Description of first aid measures

**Inhalation:** Remove to fresh air.

**Skin Contact:**

Remove contaminated clothing, wash thoroughly with mild soap and water.

If irritation is present, anoint with vegetable oil and if it persists, seek medical attention.

**Eyes Contact:**

Rinse immediately with water for 10 minutes.

Keep eyes wide apart

Contact doctor if symptoms persist.

**Ingestion:**

Rinse mouth with water several times then spit out.

Do not induce vomiting.

If larger quantities are swallowed contact a doctor, hospital or poison information centre and show packaging or label.

For the ingestion of small amounts drink lots of water.

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

No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Information for doctor:** Treat symptomatically.

## 5. Fire Fighting Measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>) dry powder, or foam.

**Unsuitable extinguishing media:** Do not use water jet directly on burning material.

### 5.2 Special hazards arising from the substance or mixture

No information available.

### 5.3 Advice for firefighters

Containers close to the fire should be removed or cooled with water.

Avoid inhalation.

Avoid breathing in vapour or smoke emitted.

Use breathing apparatus to protect from fumes.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid spillage on skin and eye contact.

Avoid open flames.

Avoid inhalation.

**Personal Protection:** Wear safety glasses, safety shoes and protective clothing

### 6.2 Environmental precautions

Avoid contaminating the drainage system, surface water or ground water.

### 6.3 Methods and material for containment and cleaning up

#### Methods of Cleaning/Disposal:

Absorb the material on an inert material such as earth, sand or other absorbent material.

For small spills wash area with water and wipe up.

### 6.4 Reference to other sections

For safe handling, see section 7

For personal protection, see section 8.

For waste disposal, see section 13.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Avoid contact with eyes and skin.

Wear appropriate protective equipment (see section 8).

Make sure that there is adequate ventilation.

Observe good personal hygiene.

Do not eat, smoke or drink whilst handling the product.

Caution with flames, sparks and welding.

Prevent sparks from static electricity.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in full, tightly sealed original containers (aluminum, glass or steel drums) in a cool, dry, well-ventilated place.

Protect from light and heat.

Observe Good Manufacturing Practices.

### 7.3 Specific end use(s)

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

No information available.

### 8.2 Exposure controls

Work with large quantities only in a well ventilated place.

#### Hygiene measures:

General industrial hygiene recommended.

Avoid contact with eyes and skin

Eye rinsing facility should be on the premises.

Do not eat, drink or smoke whilst handling the product.

#### Personal protective equipment:

**Eye protection:** Use goggles.

**Skin protection:** Use gloves, protective clothing and footwear.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

#### Appearance:

**Physical State:** Liquid.

**Odour:** Characteristic.

**Flash Point:** 58 °C – this is only an estimated value of the flashpoint.

**Solubility:** Insoluble in water, soluble in ethanol.

### 9.2 Other information

No further relevant information available.

## 10. Stability and Reactivity

### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

Stable with normal handling and storage conditions.

### 10.3 Possibility of hazardous reactions

Oxidizing and reducing agents.

### 10.4 Conditions to avoid

Light, air, heat and moisture.

### 10.5 Incompatible materials

CO<sub>2</sub> and other non identifiable organic compounds can be formed from smoke.

### 10.6 Hazardous decomposition products

## 11. Toxicological Information

### 11.1 Information on toxicological effects

**Acute toxicity:** No further relevant information available.

**Corrosion / irritation:**

**The airways:**

Concentrated essential oil can cause lung damage if swallowed

No further relevant information available.

**Skin:** May be irritating to skin.

**Eyes:** May be an eye irritant.

**Sensitization:**

**Skin:** May cause sensitization by skin contact.

## 12. Ecological Information

### 12.1 Toxicity

Aquatic toxicity Limonene is very toxic to aquatic organisms.

### 12.2 Persistence and degradability

The ingredient is completely biodegradable.

### 12.3 Bioaccumulative potential

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

Avoid release into soil and water.

### 12.6 Other adverse effects

No further relevant information available.

## 13. Disposal Considerations

### 13.1 Waste treatment methods

Small quantities are taken care of with normal household waste.

**Uncleaned packaging:** Disposal should be in accordance with current international, national and local regulations.

## 14. Transport Information

### 14.1 UN number

**ADR, IMDG, IATA:** UN 1993

### 14.2 UN proper shipping name

No further relevant information available.

### 14.3 Transport hazard class(es)

**Land Transport:** Transport Class (ADR-S/RID-S) 3.F1

**Maritime transport:** IMDG 3345, Class 3.3, EMS 3:07, MFAG See 4.2

**Air transport:** ICAO / IATA - Class 3

#### 14.4 Packing group

**ADR, IMDG, IATA:** III

#### 14.5 Environmental hazards

**Marine pollutant:** Yes.

#### 14.6 Special precautions for user

No further 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

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**HAZARD PICTOGRAM(S)**



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**HAZARD STATEMENT(S)**

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### 15.2 Chemical safety assessment

## 16. Other Information



This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The information contained in this SDS is accurate to the best of our knowledge and has been obtained from a variety of sources. No liability can be accepted arising out of the use, application or processing of this product. It is the users' responsibility to determine the safe conditions for the use of this product.

**Revision Date: 02.07.2014 Version: 2**