# SAFETY DATA SHEET LEFRANC & BOURGEOIS ESSENCE D'ASPIC / OIL OF SPIKE LAVENDER

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name LEFRANC & BOURGEOIS ESSENCE D'ASPIC / OIL OF SPIKE LAVENDER

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

**Uses advised against**No specific uses advised against are identified.

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

Supplier ColArt International Holdings Ltd.

The Studio Building 21 Evesham Street

London W11 4AJ United Kingdom +44 (0)208 424 3200 R.Enquiries@colart.co.uk

Contact person Regulatory Manager

Manufacturer ColArt International SA

5 Rue Rene Panhard

Z.I.Nord

72021 Le Mans Cedex 2 +33 2 43 83 83 00

## 1.4. Emergency telephone number

Emergency telephone +44 (0)208 424 3200 This telephone number is available during office hours only 09:00 to

17:00 GMT Language English.

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 3 - H226

Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 2 - H371 Asp. Tox. 1 -

H304

**Environmental hazards** Aquatic Chronic 2 - H411

## 2.2. Label elements

## **Pictogram**









Signal word

Danger

## LEFRANC & BOURGEOIS ESSENCE D'ASPIC / OIL OF SPIKE LAVENDER

Hazard statements H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H371 May cause damage to organs.

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.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe vapour/spray. P261 Avoid breathing vapour/spray.

P264 Wash contaminated skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P302+P352 IF ON SKIN: Wash with plenty of water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P311 IF exposed or concerned: Call a POISON CENTER or doctor.

P312 Call a POISON CENTER/doctor if you feel unwell.

P321 Specific treatment (see medical advice on this label).

P331 Do NOT induce vomiting.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container in accordance with national regulations.

**Contains** 

Bornan-2-one, PINENES (ALPHA OR BETA), (R)-P-MENTHA-1,8-DIENE, Hydrocarbons,

Para-cymene = 1-Isopropyl-4-methylbenzene; 4-Isopropyltoluene, B-PINENE, (S)-P-

MENTHA-1,8-DIENE

## 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

LINALOOL		30-60%
CAS number: 78-70-6	EC number: 201-134-4	
Classification Skin Irrit. 2 - H315	Classification (67/548/EEC or 1999/45/EC) Xi;R38.	

 Bornan-2-one

 CAS number: 76-22-2

 Classification
 Classification (67/548/EEC or 1999/45/EC)

 Flam. Sol. 1 - H228
 Xn;R20,R68/22. F;R11.

 Acute Tox. 4 - H332
 STOT SE 2 - H371

PINENES (ALPHA OR BETA)

CAS number: —

M factor (Acute) = 1

M factor (Chronic) = 1

Classification

Classification (67/548/EEC or 1999/45/EC)

Flam. Liq. 3 - H226

Skin Sens. 1 - H317

Asp. Tox. 1 - H304

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

(R)-P-MENTHA-1,8-DIENE

CAS number: 5989-27-5

M factor (Acute) = 1

Classification

Flam. Liq. 3 - H226

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

Hydrocarbons
CAS number: —

Classification
Asp. Tox. 1 - H304

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Para-cymene = 1-lsopropyl-4-methylbenzene; 4-

1-5%

Isopropyltoluene

CAS number: 99-87-6

EC number: 202-796-7

Classification

**B-PINENE** 

Classification (67/548/EEC or 1999/45/EC)

Xn;R65. N;R51/53. R10.

Flam. Liq. 3 - H226 Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

1-5%

CAS number: 127-91-3 EC number: 204-872-5

Classification Flam. Liq. 3 - H226 Classification (67/548/EEC or 1999/45/EC)

Xn;R65. N;R50/53. R10,R43.

Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

(S)-P-MENTHA-1,8-DIENE

1-5%

CAS number: 5989-54-8 EC number: 227-815-6

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Classification (67/548/EEC or 1999/45/EC)

Xi;R38. N;R50/53. R10,R43.

Flam. Liq. 3 - H226

Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

 $\alpha$ -terpineol = p-menth-1-en-8-ol

1-5%

CAS number: 98-55-5 EC number: 202-680-6

Classification

Classification (67/548/EEC or 1999/45/EC)

Xi;R36/38.

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

General information

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical

personnel.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.

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Ingestion Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if

> the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention. Do not induce vomiting. If vomiting occurs, the head should be kept low so that

vomit does not enter the lungs. Get medical attention immediately.

Skin contact It is important to remove the substance from the skin immediately. In the event of any

sensitisation symptoms developing, ensure further exposure is avoided. Remove

contamination with soap and water or recognised skin cleansing agent. Get medical attention

if symptoms are severe or persist after washing.

Eye contact Rinse with water. Get medical attention if any discomfort continues.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation A single exposure may cause the following adverse effects: Pain or irritation. Intoxication.

Narcotic effect. Muscle weakness. Nausea, vomiting.

Ingestion May cause sensitisation or allergic reactions in sensitive individuals. A single exposure may

> cause the following adverse effects: Intoxication. Nausea, vomiting. May cause drowsiness or dizziness. Central nervous system depression. May cause severe internal injury. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical

pneumonitis.

Skin contact May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to

Eye contact No specific symptoms known. May be slightly irritating to eyes.

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

Notes for the doctor Treat symptomatically. May cause sensitisation or allergic reactions in sensitive individuals.

#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder

or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

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

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up.

> Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or

explosion hazard. This product is toxic.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

#### 5.3. Advice for firefighters

# Protective actions during firefighting

Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

# Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

#### Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid inhalation of dust and vapours. Use suitable respiratory protection if ventilation is inadequate. Avoid contact with skin and eyes.

#### 6.2. Environmental precautions

#### **Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

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

#### Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Provide adequate ventilation. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

#### 6.4. Reference to other sections

#### Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

#### Usage precautions

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

# Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

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

Storage precautions Store locked up. Keep away from oxidising materials, heat and flames. Keep only in the

original container. Keep container tightly closed, in a cool, well ventilated place. Keep

containers upright. Protect containers from damage.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

#### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

#### Protective equipment



Appropriate engineering

controls

Provide adequate ventilation.

**Eye/face protection** Avoid contact with eyes. Large Spillages: Eyewear complying with an approved standard

should be worn if a risk assessment indicates eye contact is possible.

Hand protection Wear protective gloves. The most suitable glove should be chosen in consultation with the

glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any

deterioration is detected. Frequent changes are recommended.

Other skin and body

protection

May cause skin sensitisation or allergic reactions in sensitive individuals. Wear appropriate

clothing to prevent repeated or prolonged skin contact.

Hygiene measures Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Wash contaminated clothing before reuse.

inadequate, suitable respiratory protection must be worn.

**Environmental exposure** 

controls

Keep container tightly sealed when not in use. Avoid release to the environment.

## SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

Appearance Clear, yellowish liquid.

OdourCharacteristic.pHNot available.Melting pointNot available.

Flash point 51.0°C

Initial boiling point and range

Vapour pressure 175 - 300 kPa @ 50°C

Not available.

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Relative density 0.888 - 0.907

Solubility(ies) Insoluble in water.

Auto-ignition temperature Not available.

Viscosity < 7 m²/s @ 40°C

9.2. Other information

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

## 10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

The following materials may react strongly with the product: Oxidising agents.

#### 10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Containers can burst violently or explode

when heated, due to excessive pressure build-up. Static electricity and formation of sparks

must be prevented.

#### 10.5. Incompatible materials

Materials to avoid Oxidising materials. Acids - oxidising.

## 10.6. Hazardous decomposition products

Hazardous decomposition

products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

#### SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅o) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) Acute Tox. 4 - H332 Harmful if inhaled.

ATE inhalation (gases ppm) 18,750.0

ATE inhalation (vapours mg/l) 45.83333333

ATE inhalation (dusts/mists

6.25

mg/l)

Skin corrosion/irritation

Animal data Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

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Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

Skin sensitisation

**Skin sensitisation** May cause skin sensitisation or allergic reactions in sensitive individuals.

Germ cell mutagenicity

**Genotoxicity - in vitro**Based on available data the classification criteria are not met.

Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

**IARC carcinogenicity**None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

Based on available data the classification criteria are not met.

development

Specific target organ toxicity - single exposure

STOT - single exposure STOT SE 2 - H371 May cause damage to organs .

Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways. Pneumonia may be the

result if vomited material containing solvents reaches the lungs.

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

**Inhalation** A single exposure may cause the following adverse effects: Pain or irritation. Intoxication.

Narcotic effect. Muscle weakness. Nausea, vomiting.

Ingestion May cause sensitisation or allergic reactions in sensitive individuals. A single exposure may

cause the following adverse effects: Intoxication. Nausea, vomiting. May cause drowsiness or dizziness. Central nervous system depression. May cause severe internal injury. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical

pneumonitis.

Skin contact May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to

skin.

Eye contact No specific symptoms known.

Route of entry Ingestion Inhalation Skin and/or eye contact

**Target organs** No specific target organs known.

**Medical considerations** Skin disorders and allergies.

#### SECTION 12: Ecological Information

12.1. Toxicity

**Toxicity** Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

**Mobility** No data available.

## 12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Other adverse effects None known.

#### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Reuse or recycle

products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product

residues and hence be potentially hazardous.

**Disposal methods**Dispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority.

Waste class 08 01 11\* - waste paint and varnish containing organic solvents or other dangerous

substances

## **SECTION 14: Transport information**

General For limited quantity packaging/limited load information, consult the relevant modal

documentation using the data shown in this section.

14.1. UN number

**UN No. (ADR/RID)** 1169

**UN No. (IMDG)** 1169

**UN No. (ICAO)** 1169

**UN No. (ADN)** 1169

## 14.2. UN proper shipping name

Proper shipping name

(ADR/RID)

EXTRACTS, AROMATIC, LIQUID

Proper shipping name

(IMDG)

EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ICAO) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ADN) EXTRACTS, AROMATIC, LIQUID

#### 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

Transport labels



#### 14.4. Packing group

ADR/RID packing group III
IMDG packing group III
ICAO packing group III
ADN packing group III

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant



## 14.6. Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS F-E, S-D

ADR transport category 3

Emergency Action Code 3Y

Hazard Identification Number

(ADR/RID)

Tunnel restriction code (D/E)

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

## SECTION 15: Regulatory information

## $\underline{\textbf{15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture}$

National regulations Health and Safety at Work etc. Act 1974 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009

No. 716).

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The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment

Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Classification procedures according to Regulation (EC)

Acute Tox. 4 - H332: Asp. Tox. 1 - H304: STOT SE 2 - H371: Skin Irrit. 2 - H315: Skin Sens. 1 - H317: : Calculation method. Aquatic Chronic 2 - H411: : Calculation method. Flam. Liq. 3 -

1272/2008

H226: : Expert judgement.

Training advice

Read and follow manufacturer's recommendations.

Revision date

10/05/2016

Revision

4

Supersedes date

29/04/2016

SDS number

23539

Hazard statements in full

H226 Flammable liquid and vapour.

H228 Flammable solid.

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.

H332 Harmful if inhaled.

H371 May cause damage to organs .

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.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.