

Selon les règlements EC 1907/2006 et 453/2010

Date d'impression : 25 janvier, 2016

Produit : **AMBRETTE OIL FRACTIONS (AMBRETTOLIDE)**

## 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

- 1.1 Product identification: AMBRETTE OIL FRACTIONS (AMBRETTOLIDE)
- 1.2 Relevant identified uses: Aromatic ingredient - for manufacturing use only, not for direct consumption as such
- 1.3 Supplier: PAYAN BERTRAND  
28 Avenue Jean XXIII  
BP 61057  
06131 GRASSE  
+33 (4) 93 40 14 14 ( 8:15-12:00 / 12:45-16:00 )  
+33 (4) 93 40 10 30  
regulatory@payanbertrand.com  
www.payanbertrand.com
- 1.4 Emergency phone number: +33 613 35 57 58 ( 24h / 24h )

## 2 - HAZARDS IDENTIFICATION

### 2.1 Classification:

According to regulation EC1272/2008	According to Dir 67/548/CEE or 1999/45/CE
<b>Skin Sens. 1</b> H317	Xi R43      May cause sensitization by skin contact

Refer to the section 16 for the all hazard statements.

### 2.2 Label elements:



#### Warning

H317      May cause an allergic skin reaction.

#### Prevention

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

P261      Avoid breathing dust/fume/gas/mist/vapours/spray.

Produit : **AMBRETTE OIL FRACTIONS (AMBRETTOLIDE)**

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

**Intervention**

P302+P352 IF ON SKIN:Wash with plenty of soap and water.  
 P333+P313 If skin irritation or rash occurs:Get medical advice/attention.  
 P321 Specific treatment.  
 P363 Wash contaminated clothing before reuse.

**Elimination**

P501 Dispose of contents/container to a collection of special or hazardous waste.

## 2.3 Other hazards:

Not applicable.

**3 - COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 Description: Obtained by rectification from ambrette essential oil (*Hibiscus abelmoschus* L.).

CAS : 8015-62-1 EINECS : 282-891-8

## 3.2 Hazardous components:

*Farnesol ( 1 - 5% ) - CAS : 4602-84-0 EINECS : 225-004-1*

Regulation EC 1272/2008 : Eye Irrit. 2A : H319 Skin Irrit. 2 : H315 Skin Sens. 1B : H317  
 Directive 67/548/CEE : R36/38 R43

**4 - FIRST-AID MEASURES**

## 4.1 Description of first aid measures:

Skin contact : Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician if necessary.

Eye Contact : Flush immediately with clean water for at least 10 minutes. Contact a physician if necessary.

Ingestion : Rinse the mouth. Contact a physician immediately.

Excessive inhalation : Remove to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician if necessary.

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

Take into account hazard and safety statements.

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

None.

**5 - FIRE-FIGHTING MEASURES**

## 5.1 Extinguishing media:

Recommended : Carbondioxide, dry chemical or foam.

Not recommended : Direct water.

## 5.2 Special fire fighting procedures:

Cool down other threatened recipients with pulverized water.

Do not inhale fire fumes or gases (CO, CO<sub>2</sub>, organic products).

Produit : **AMBRETTE OIL FRACTIONS (AMBRETTOLIDE)**

---

5.3 Self-contained breathing apparatus and protective clothing should be worn when fires involved c

---

## 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment:

Avoid contact with skin, eyes, clothes.  
Provide adequate ventilation.

6.2 Environmental protection measures:

Prevent contamination of soil, ground and surface water.

6.3 Collecting measures:

Gross spillages should be contained by use of sand or inert powder and disposed off in accordance with local laws and regulations.

---

## 7 - HANDLING AND STORAGE

7.1 Handling:

Keep away all ignition sources.  
Provide adequate ventilation.  
Do not eat, drink, smoke in the working areas.  
Wash hands after use.

7.2 Storage:

Store the product in a cool, dry and ventilated area away from heat sources, and protected from light in tightly closed original container. Keep air contact to a minimum.

Packing material :

-recommended : glass, stainless steel, aluminium.

-not recommended : naked iron.

7.3 Specific end uses:

Not applicable.

---

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

None.

8.2 Exposure control:

To avoid eye and mucous membrane projection and according to the working area organization wearing eye glasses and gloves is recommended .

Avoid excessive inhalation of concentrated vapors.

Do not re-use empty containers : Quickly get clear of sponges, wovens, ... etc, used to sponge the product. Keep away from food and drink.

Hygien and safety at work : adapted personal protective equipment is advised.

Produit : **AMBRETTE OIL FRACTIONS (AMBRETTOLIDE)**

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic informations:

Aspect	Colourless to pale yellow liquid.
Odeur	Musky, oily, characteristic.
Vapour density (mmHg)	0,010
Flash Point (°C)(closed cup)	>100
Hydrosolubility	No
Specific Gravity (+20°C)	0.900 to 0.930

### 9.2 Other information:

Solubility : ethanol / oil / solvents.

## 10 - STABILITY AND REACTIVITY

### 10.1 Reactivity:

This product presents no significant reactivity hazard.

### 10.2 Chemical stability:

It is stable and will not react violently with water.

### 10.3 Hazardous reactions:

Hazardous reaction will not occur if using conditions and prescriptions are followed.

### 10.4 Conditions to avoid:

Avoid contact or contamination with strong acids, alkalis, or oxidizing agents.

### 10.5 Materials to avoid:

Not relevant.

### 10.6 Hazardous decomposition products:

No decomposition product if storage and handling conditions are followed.

## 11 - TOXICOLOGICAL INFORMATION

### 11.1 Acute toxicity:

No data available.

### 11.2 Irritation:

No data available.

### 11.3 Sensitization:

No data available.

---

Produit : **AMBRETTE OIL FRACTIONS (AMBRETTOLIDE)**

---

11.4 Chronic exposure:

No data available.

11.5 Cancerogenicity:

No data available.

11.6 Mutagenicity:

No data available.

11.7 Reproduction toxicity:

No data available.

---

## 12 - ECOLOGICAL INFORMATION

12.1 Toxicity:

No data available.

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Soil mobility:

No data available.

12.5 Results of PBT and vPvB assessment:

No data available.

12.6 Other adverse effects:

No data available.

Avoid contamination of soil, ground and surface water.

---

## 13 - DISPOSAL CONSIDERATIONS

Release to atmosphere : avoid.

Release to surface water : avoid.

Release into natural environment : avoid.

Destruction of waste : incineration.

Treatment of empty containers : re-use inadvisable.

Waste Disposal Methods : Place material and absorbent into sealed containers and dispose off in accordance with current applicable laws and regulations.

---

## 14 - TRANSPORT INFORMATION

14.1 N° UN:

14.2 Transport hazard class(es):



Produit : **AMBRETTE OIL FRACTIONS (AMBRETTOLIDE)**

No label required

**15 - REGULATORY INFORMATION**

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

15.2 Chemical safety assessment:

Not relevant.

**16 - OTHER INFORMATION**

The information given in this MSDS was obtained from current and reliable sources. However, these data are provided without any warranty, expressed or implied, regarding their correctness or accuracy. Since the conditions of use, handling, storage, and disposal of this product are beyond P&B control, it is the responsibility of the user both to determine safe conditions for use as well as to assume liability for loss, damage, and expenses arising out of improper use. No warranty expressed or implied regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS.

Revisions are mentioned by a black stroke in left margin.

Acronyms:

REACH: Regulation, Evaluation, Authorization of CHemicals

CSR: Chemical Safety Report

IFRA: International Fragrance Association

IOFI: International Organization of the Flavor Industry

ATE: Acute Toxicity Estimation

ES: Exposure Scenario

| Bibliography, data sources: IFRA IOFI Labeling manual 2013

Hazardous classification for mixture and evaluation methods according Reg EC1272/2008:

Classification	Method
May cause an allergic skin reaction. H317	calculated

List of relevant phrases :

According to Reg EC1272/2008 :

H319 Causes serious eye irritation.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.

According to Dir 67/548/EC :

R36 Irritating to eyes  
 R38 Irritating to skin  
 R43 May cause sensitization by skin contact

This product is for an industrial use only and not personal use.

Version 4.0 of 11.03.2014