

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

### 1.1. Identification of the substance/mixture

**Trade name:** TOP GALBANUM  
**CAS Number:** — — All the ingredients of the mixture have been registered or they are exempt from registration. UUM0-TOQN-X005-M560  
**CE Number:**  
**REACH Registration number:**  
**UFI:**

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

Raw material for the manufacture of fragrances.

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

**Company:** Ernesto Ventós SA Carretera Real, 120 B  
**Address:** 08960 Sant Just Desvern - Barcelona - SPAIN  
**Telephone:** (00 34) 934 706 210 (00 34) 934 733 010  
**Fax:** info@ventos.com  
**E-mail:**

### 1.4. Emergency telephone number

NCEC (+44) 1865 407333 (24h)  
NCEC (+34) 91 114 2520 (24h) (ES)  
NCEC (+1) 202 464 2554 (24h) (USA, Canada)

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Flammable Liquids - Category 3 - H226  
Skin Irritant - Category 2 - H315  
Skin sensitizer - Category 1 - H317  
Aspiration hazard - Category 1 - H304  
Hazardous to the aquatic environment, short-term (acute) - Category 1 - H400  
Hazardous to the aquatic environment, long-term (chronic) - Category 1 - H410

### 2.2. Label Elements

**Hazard pictograms:**



**Signal Word:**  
Danger

**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.  
H410 - Very toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
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.  
P302+P352+P333+P313 - IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Supplemental Hazard Information:**

Contains ALPHA-PINENE, BETA-PINENE, LIMONENE, OCIMENE OXIRANE. May produce an allergic reaction.

**Substances responsible for the health hazards:**

BETA-PINENE

### 2.3. Other hazards

Product not containing any component that meets the criteria for PBT or vPvB according to Regulation (EC) 1907/2006, Annex XIII.  
Product not containing any component identified as having endocrine disrupting properties for the environment according to Regulation (EU) 2017/2100 or

Regulation (EU) 2018/605.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

MIXTURE OF AROMATIC SUBSTANCES

Hazardous constituents:

Chemical Name	% (w/w)	CAS No. EC No. Index No. REACH Reg. No.	Classification according to Regulation 1272/2008	Specific Concentration Limit, M-factor, ATE, SVHC
ESTER OF HYDROGENATED ROSIN	≥ 25; < 50	8050-15-5 232-476-2	Aquatic Chronic 3 - H412	
BETA-PINENE	≥ 25; < 50	127-91-3 204-872-5	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
ALPHA-PINENE	≥ 1; < 10	80-56-8 201-291-9	Flam. Liq. 3 - H226 Acute Tox. 4 (oral) - H302 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	ATE (oral): 500 mg/kg
LIMONENE	≥ 1; < 10	138-86-3 205-341-0 601-029-00-7	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	
1,3,5-UNDECATRIENE	≥ 1; < 10	16356-11-9 240-416-1 69103-20-4	Skin Irrit. 2 - H315 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	M (acute): 10, M (chronic): 10
OCIMENE OXIRANE	≥ 0.1; < 1	273-870-4	Skin Sens. 1B - H317	ATE (dermal): 2500 mg/kg

See the full text of the hazard statements in section 16.

## SECTION 4. FIRST-AID MEASURES

### 4.1. Description of necessary first aid measures

Ingestion:	Rinse mouth with water. Obtain medical advice. Keep at rest. Do not induce vomiting.
Eye contact:	In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.
Inhalation:	Remove person to fresh air and keep at rest. Seek immediate medical advice.
Skin contact:	Take off immediately all contaminated clothing. Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist.

### 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

No information available.

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.  
For safety reasons do not use full water jet.

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

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

### 5.3. Advice for firefighters

High temperatures can lead to high pressures inside closed containers.  
Avoid inhalation of vapors that are created. Use appropriate respiratory protection.  
Do not allow spillage of fire to be poured into drains or watercourses.  
Wear self-contained breathing apparatus and protective clothing.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Evacuate surrounding areas. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering.  
Do not breathe vapor/spray. Avoid contact with skin and eyes. Information regarding personal protective measures: see section 8.

### 6.2. Environmental precautions

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwaters.

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

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).  
Place in covered containers using non-sparking tools and transport outdoors.  
Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater).  
Ventilate area and wash spill site after material pickup is complete.

### 6.4. Reference to other sections

Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not store or handle this material near food or drinking water. Do not smoke.  
Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.  
Observe the rules of safety and hygiene at work.  
Keep in the original container or an alternative made from a compatible material.

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

Store in tightly closed and preferably full containers in a cool, dry and ventilated area, protected from light.  
Keep away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).  
Keep away from incompatible materials (see section 10).

### 7.3. Specific end use(s)

No information available.

## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1. Control parameters

Components with occupational exposure limits:

ChemicalName	CASNo.	Norm.	8hr.	15 min.			
				ppm	mg /m <sup>3</sup>		
BETA-PINENE	127-91-3	ES (España)	VLA-ED	20	11	VLA-EC	
ALPHA-PINENE	80-56-8	ES (España)	VLA-ED	20	3	VLA-EC	
					11		
					3		

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**8.2. Exposure controls**

Appropriate engineering controls:	Measures should be taken to prevent materials from being splashed into the body.
Eye/Face protection:	Provide adequate ventilation, according to the conditions of use. Use a mechanical exhaust if required.
Hand Protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
Body protection:	Chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Respiratory Protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
Environmental exposure controls:	In case of insufficient ventilation, use suitable respiratory equipment. Emissions from ventilation or process equipment should be checked to ensure they comply with environmental protection legislation. In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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

Physical state:	Liquid	Conforms to standard	Conforms to standard
Colour :	Not determined	Not determined	Not determined
Odour :	Not determined	Not determined	47°C Not determined
Melting point/freezing point:	Not determined	Not determined	Not determined
Boiling point or initial boiling point and range (°C):	Not determined	INSOLUBLE	IN WATER/SOLUBLE
Flammability:	INSOLUBLE	IN ETHANOL	Not determined
Lower and upper explosion limit:	Not determined	Not determined	
Flash point:			
Auto-ignition temperature:			
Decomposition temperature:			
pH:			
Kinematic viscosity:			
Solubility:			
Partition coefficient n-octanol/water (log value):			
Vapour pressure:			
Density and/or relative density:	0,962–0,972 g/mL (20°C)	0,962–0,972 (20°C)	
Relative vapour density:	Not determined		
Particle characteristics:	Not determined		

**9.2. Other information**

**9.2.1. Information with regard to physical hazard classes:**

No information available.

**9.2.2. Other safety characteristics:**

No information available

**SECTION 10. STABILITY AND REACTIVITY**

**10.1. Reactivity**

No hazardous reactions if stored and handled as prescribed/indicated.

**10.2. Chemical stability**

The product is stable if stored and handled as prescribed/indicated.

**10.3. Possibility of hazardous reactions**

No hazardous reactions if stored and handled as prescribed/indicated.

**10.4. Conditions to Avoid**

Conditions to Avoid: Excessive heat, flame or other ignition sources.

**10.5. Incompatible materials**

Avoid contact with strong acids and bases and oxidizing agents.

**10.6. Hazardous decomposition products**

During combustion may form carbon monoxide and unidentified organic compounds.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity</b>	<b>Skin</b>	Based on the data available, the criteria for classification are not met.
<b>corrosion/irritation</b>	<b>Serious eye</b>	Causes skin irritation. Based on the data available, the criteria for classification are not met.
<b>damage/irritation</b>	<b>Respiratory or</b>	classification are not met. May cause an allergic skin reaction. Based
<b>skin sensitisation</b>	<b>Germ cell</b>	on the data available, the criteria for classification are not met. Based
<b>mutagenicity</b>	<b>Carcinogenicity</b>	on the data available, the criteria for classification are not met. Based
<b>Reproductive toxicity</b>	<b>STOT-</b>	on the data available, the criteria for classification are not met. Based
<b>singleexposure</b>	<b>STOT-repeated</b>	on the data available, the criteria for classification are not met. Based
<b>exposure</b>	<b>Aspiration hazard</b>	on the data available, the criteria for classification are not met. May be fatal if swallowed and enters airways.

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties:

Product not containing any component identified as having endocrine disrupting properties for the environment according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

#### 11.2.2. Other information:

No information available

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Assessment:

Very toxic to aquatic life with long lasting effects.

#### Experimental/calculated data:

No information available.

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Soil mobility

No information available.

### 12.5. Results of PBT and vPvB assessment

Product not containing any component that meets the criteria for PBT or vPvB according to Regulation (EC) 1907/2006, Annex XIII.

### 12.6. Endocrine disrupting properties

Product not containing any component identified as having endocrine disrupting properties for the environment according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605

### 12.7. Other adverse effects

See also sections 6, 7, 13 and 15

Do not allow to get into waste water or waterways.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of in accordance with national and local environmental regulations.

## SECTION 14: TRANSPORT INFORMATION

	ADR/RID/ADN	IMDG	IATA-ICAO
<b>14.1. UN Number</b>	UN1197	UN1197	UN1197
<b>14.2. UN Proper Shipping Name</b>	EXTRACTS, LIQUID	EXTRACTS, LIQUID (BETA-PINENE)	EXTRACTS, LIQUID
<b>14.3. Transport Hazard Class(es)</b>	3	3	3
<b>14.4. Packing Group</b>	III	III	III
<b>14.5. Environmental hazards</b>	Yes	Yes	Yes
<b>Additional information</b>			