

**RUM NATURAL SFE FIRMENICH 978907**

Revision date: 05-11-2020  
Version: 3.3/GHS/EN

Print Date: 29-03-2024  
Page: 1 / 6

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**

**1.1. Identification of the substance/mixture**

**Trade name:** RUM NATURAL SFE FIRMENICH 978907  
**Substance name:** RUM  
**CAS Number:** 90604-30-1, 943609-24-3  
**CE Number:** 292-323-0

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

Raw material for the manufacture of fragrances and/or flavourings.

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

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

**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)

**2. HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Flammable Liquids - Category 2 - H225  
Skin Irritant - Category 3 - H316  
Eye Irritant - Category 2 - H319  
Carcinogenicity - Category 1B - H350  
Specific target organ toxicity following single exposure - Category 3 (narcotic effects) - H336  
Hazardous to the aquatic environment, short-term (acute) - Category 3 - H402

**2.2. Label Elements**

**Hazard pictograms:**



**Signal Word:**

Danger

**Hazard statements:**

H225 – Highly flammable liquid and vapour.  
H316 – Causes mild skin irritation.  
H319 – Causes serious eye irritation.  
H336 – May cause drowsiness or dizziness.  
H350 – May cause cancer.  
H402 – Harmful to aquatic life.

**Precautionary statements:**

P202 – Do not handle until all safety precautions have been read and understood.  
P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
P233 – Keep container tightly closed.  
P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353+P332+P313 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.  
P305+P351+P338+P337+P313 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**RUM NATURAL SFE FIRMENICH 978907**

Revision date: 05-11-2020  
Version: 3.3/GHS/EN

Print Date: 29-03-2024  
Page: 2 / 6

**2.3. Other hazards**

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Chemical name: RUM  
CAS number: 90604-30-1, 943609-24-3  
EC number: 292-323-0

**Hazardous constituents:**

Chemical Name	% (w/w)	CAS No. EC No.	Classification according to GHS
ETHYL ACETATE	≥50	141-78-6 205-500-4	Flammable Liquids - Category 2 - H225 Eye Irritant - Category 2A - H319 Specific target organ toxicity following single exposure - Category 3 (narcotic effects) - H336
ETHYL PROPIONATE	≥1; <10	105-37-3 203-291-4	Flammable Liquids - Category 2 - H225 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2B - H320 Specific target organ toxicity following single exposure - Category 3 (irritation) - H335 Hazardous to the aquatic environment, short-term (acute) - Category 2 - H401
ETHANOL	≥1; <10	64-17-5 200-578-6	Flammable Liquids - Category 2 - H225 Eye Irritant - Category 2A - H319
PHENYL ETHYL ALCOHOL	≥1; <10	60-12-8 200-456-2	Acute Toxicity - Category 4 (oral) - H302 Acute Toxicity - Category 5 (dermal) - H313 Skin Irritant - Category 3 - H316 Eye Irritant - Category 2A - H319
L-MENTHOL	≥1; <10	2216-51-5 218-690-9	Acute Toxicity - Category 5 (oral) - H303 Acute Toxicity - Category 5 (inhalation) - H333 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2B - H320 Hazardous to the aquatic environment, short-term (acute) - Category 3 - H402
FURFURAL	≥0.1; <1	98-01-1 202-627-7	Flammable Liquids - Category 3 - H226 Acute Toxicity - Category 2 (inhalation) - H330 Acute Toxicity - Category 3 (oral) - H301 Acute Toxicity - Category 4 (dermal) - H312 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2A - H319 Carcinogenicity - Category 2 - H351 Specific target organ toxicity following single exposure - Category 3 (irritation) - H335 Hazardous to the aquatic environment, short-term (acute) - Category 3 - H402 Hazardous to the aquatic environment, long-term (chronic) - Category 3 - H412
ACETALDEHYDE	≥0.1; <1	75-07-0 200-836-8	Flammable Liquids - Category 1 - H224 Acute Toxicity - Category 4 (oral) - H302 Acute Toxicity - Category 5 (dermal) - H313 Eye Irritant - Category 2A - H319 Germ cell mutagenicity - Category 2 - H341 Carcinogenicity - Category 1B - H350 Specific target organ toxicity following single exposure - Category 3 (irritation) - H335 Hazardous to the aquatic environment, short-term (acute) - Category 3 - H402

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

**3.2. Mixtures**

Not applicable.

**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.

**RUM NATURAL SFE FIRMENICH 978907**

Revision date: 05-11-2020  
Version: 3.3/GHS/EN

Print Date: 29-03-2024  
Page: 3 / 6

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.

**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.

**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.

**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.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**8.1. Control parameters**

Components with occupational exposure limits:

Chemical Name	CAS No.	Norm.	8 hr.			15 min.		
				ppm	mg/m <sup>3</sup>		ppm	mg/m <sup>3</sup>
...	...	DE (Deutschland)	AGW	200	730	AGW		
ETHYL ACETATE	141-78-6	...	...	...	...	...	...	...

**RUM NATURAL SFE FIRMENICH 978907**

Revision date: 05-11-2020  
Version: 3.3/GHS/EN

Print Date: 29-03-2024  
Page: 4 / 6

...	...	...	...	...	...	...	...	...
		ES (España)	VLA-ED	200	734	VLA-EC	400	1468
		IT (Italia)	Valori Limite	200	734	Valori Limite	400	1468
		UK (United Kingdom)	Workplace exposure limit	200	734	Workplace exposure limit	400	1468
		OSHA	PEL-TWA	400	1400	PEL-STEL		
		Cal OSHA	PEL-TWA	400	1400	PEL-STEL		
ETHANOL	64-17-5	DE (Deutschland)	AGW	200	380	AGW		
		ES (España)	VLA-ED			VLA-EC	1	1.91
		FR (France)	VME	1000	1900	VLCT	5000	9500
		UK (United Kingdom)	Workplace exposure limit	1000	1920	Workplace exposure limit		
		OSHA	PEL-TWA	1000	1900	PEL-STEL		
		Cal OSHA	PEL-TWA	1000	1900	PEL-STEL		
ACETALDEHYDE	75-07-0	DE (Deutschland)	AGW	50	91	AGW		
		ES (España)	VLA-ED			VLA-EC	25	46
		FR (France)	VME	100	180	VLCT		
		UK (United Kingdom)	Workplace exposure limit	20	37	Workplace exposure limit	50	92
		OSHA	PEL-TWA	200	360	PEL-STEL		
		Cal OSHA	PEL-TWA	25	45	PEL-STEL		
FURFURAL	98-01-1	ES (España)	VLA-ED	2	8	VLA-EC		
		FR (France)	VME			VLCT	2	8
		UK (United Kingdom)	Workplace exposure limit	2	8	Workplace exposure limit	5	20
		OSHA	PEL-TWA	5	20	PEL-STEL		
		Cal OSHA	PEL-TWA	2	8	PEL-STEL		

## 8.2. Exposure controls

Measures should be taken to prevent materials from being splashed into the body.  
Provide adequate ventilation, according to the conditions of use. Use a mechanical exhaust if required.

## 8.3. Individual protection measures, such as personal protective equipment

Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.  
Hand Protection: Chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.  
Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.  
Respiratory Protection: In case of insufficient ventilation, use suitable respiratory equipment.  
Environmental exposure controls: 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Conforms to standard
Odour:	Conforms to standard
Odour threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Boiling point/boiling range (°C):	Not determined
Flash point:	20 °C
Evaporation rate:	Not determined
Flammability:	Not determined
Lower flammability/Explosive limit:	Not determined
Upper flammability/Explosive limit:	Not determined
Vapour pressure:	2666.452 (Pa)

**RUM NATURAL SFE FIRMENICH 978907**

Revision date: 05-11-2020  
Version: 3.3/GHS/EN

Print Date: 29-03-2024  
Page: 5 / 6

Vapour Density:	Not determined
Density:	0,882 – 0,922 g/mL (20°C)
Relative density:	0,882 – 0,922 (20°C)
Water solubility:	INSOLUBLE IN WATER
Solubility in other solvents:	SOLUBLE IN ETHANOL
Partition coefficient n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity, dynamic:	Not determined
Viscosity, kinematic:	Not determined
Explosive properties:	Not determined
Oxidising properties:	NONE EXPECTED

## 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.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Based on the data available, the criteria for classification are not met.
<b>Skin corrosion/irritation</b>	Causes mild skin irritation.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitisation</b>	Based on the data available, the criteria for classification are not met.
<b>Germ cell mutagenicity</b>	Based on the data available, the criteria for classification are not met.
<b>Carcinogenicity</b>	May cause cancer.
<b>Reproductive toxicity</b>	Based on the data available, the criteria for classification are not met.
<b>STOT-single exposure</b>	May cause drowsiness or dizziness.
<b>STOT-repeated exposure</b>	Based on the data available, the criteria for classification are not met.
<b>Aspiration hazard</b>	Based on the data available, the criteria for classification are not met.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Assessment:

Harmful to aquatic life.

#### 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. Other adverse effects

See also sections 6, 7, 13 and 15

Do not allow to get into waste water or waterways.

**RUM NATURAL SFE FIRMENICH 978907**

Revision date: 05-11-2020  
Version: 3.3/GHS/EN

Print Date: 29-03-2024  
Page: 6 / 6

### 13. DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Dispose of in accordance with national and local environmental regulations.

### 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	EXTRACTS, LIQUID
<b>14.3. Transport Hazard Class(es)</b>	3	3	3
<b>14.4. Packing Group</b>	II	II	II
<b>14.5. Environmental hazards</b>	No	No	No
<b>Additional information</b>			

#### 14.6 Special precautions for user

None known

#### 14.7. Maritime transport in bulk according to IMO instruments

No information available

### 15. REGULATORY INFORMATION

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

No information available

### 16. OTHER INFORMATION

#### Full text of the R-phrases, hazard statements and precautionary statements mentioned in section 3:

H224 – Extremely flammable liquid and vapour.  
H225 – Highly flammable liquid and vapour.  
H226 – Flammable liquid and vapour.  
H301 – Toxic if swallowed.  
H302 – Harmful if swallowed.  
H303 – May be harmful if swallowed.  
H312 – Harmful in contact with skin.  
H313 – May be harmful in contact with skin.  
H315 – Causes skin irritation.  
H316 – Causes mild skin irritation.  
H319 – Causes serious eye irritation.  
H320 – Causes eye irritation.  
H330 – Fatal if inhaled.  
H333 – May be harmful if inhaled.  
H335 – May cause respiratory irritation.  
H336 – May cause drowsiness or dizziness.  
H341 – Suspected of causing genetic defects.  
H350 – May cause cancer.  
H351 – Suspected of causing cancer.  
H401 – Toxic to aquatic life.  
H402 – Harmful to aquatic life.  
H412 – Harmful to aquatic life with long lasting effects.

The information included in this safety data sheet is based on the available data at the moment this document is issued. It is meant to be a description of safety requirements for our product and does not stand for a guarantee of its properties. The user is responsible for taking all necessary steps leading to compliance with local rules and legislation.