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

1.1. Identification of the substance/mixture

Trade name: **ETHYLENEBRASSYLATE**
Substance name: ETHYLENEBRASSYLATE
CAS Number: 105-95-3
CE Number: 203-347-8
REACH Registration number: 01-2119976314-33

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** Carretera Real, 120 B
Address: 08960 Sant Just Desvern – Barcelona – SPAIN
Telephone: (00 34) 934 706 210 (00 34) 934 733 010
Fax:
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)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Hazardous to the aquatic environment, long-term (chronic) - Category 3 - H412

2.2. Label Elements

Hazard statements:
H412 – Harmful to aquatic life with long lasting effects.
Precautionary statements:
P273 – Avoid release to the environment.
P501 – Dispose of contents/container according to local legislation.

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

Chemicalname: ETHYLENEBRASSYLATE
CASnumber: 105-95-3
ECnumber: 203-347-8

Hazardous constituents:

ChemicalName	%(w/w)	CAS No. ECNo. Index No.	Classification according to Regulation 1272/2008	Specific Concentration Limit, M-factor, ATE, SVHC
ETHYLENEBRASSYLATE	≥50	105-95-3 203-347-8	Aquatic Chronic 3 - H412	

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

3.2. Mixtures

Not applicable.

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 surronding 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:
None known.

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 sate:	Liquid/solid Conforms to standard Conforms
Colour :	to standard CA.0-7 138 - 142 (1 mmHg) Not
Odour :	determined Not determined 110 °C Not
Melting point/freezing point:	determined Not determined Not determined
Boiling point or initial boiling point and range (°C):	Not determined INSOLUBLE IN
Flammability:	WATER/SOLUBLE IN ETHANOL Not
Lower and upper explosion limit:	determined < 0,01 mm Hg (20°C)
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:	1,04–1,05 g/mL (20°C) / 1,04–1,05 (20°C)
Relative vapour density:	Not determined
Particle characteristics:	Not determined

9.2. Other information

9.2.1. Information with regard to phyical hazard classes:
No information avaliable.
9.2.2. Other safety characteristics:
No information avaliable

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

Acute toxicity	Based on the data available, the criteria for classification are not met.
Skin corrosion/irritation	Based on the data available, the criteria for classification are not met.
Serious eye damage/irritation	Based on the data available, the criteria for classification are not met.
Respiratory or skin sensitisation	Based on the data available, the criteria for classification are not met.
Germ cell mutagenicity	Based on the data available, the criteria for classification are not met.
Carcinogenicity	Based on the data available, the criteria for classification are not met.
Reproductive toxicity	Based on the data available, the criteria for classification are not met.
STOT-singleexposure	Based on the data available, the criteria for classification are not met.
STOT-repeated exposure	Based on the data available, the criteria for classification are not met.
Aspiration hazard	Based on the data available, the criteria for classification are not met.

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

A ssessment:
Harmful to aquatic life with long lasting effects.
Experimental/calculateddata:
No information available.

12.2. Persistence and degradability

The product is readily biodegradable
Biodegradation : 100%. (OECD 301 B).

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 Not classified as	**IMDG** Not classified as hazardous	**IATA-ICAO** Not classified as
14.1. UN Number	hazardous goods Not applicable	goods Not applicable Not	hazardous goods Not applicable
14.2. UN Proper Shipping Name	Not applicable Not applicable No	applicable Not applicable No	Not applicable Not applicable No
14.3. Transport Hazard Class(es)			
14.4. Packing Group			
14.5. Environmental hazards			
Additional information			

14.6 Special precautions for user
None known

14.7. Maritime transport in bulk according to IMO instruments
No information available

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
WGK:WGK 2
LGK: 12

15.2. Chemical safety assessment
No chemical safety assessment has been carried out for the substance or mixture by the supplier

SECTION 16: OTHER INFORMATION

Full text of the R-phrases, hazard statements and precautionary statements mentioned in section 3:
H412 – Harmful to aquatic life with long lasting effects.