

**SAFETY DATA SHEET**  
**(according to Regulation (EU) No. 1907/2006)**

**PRODUCT: ACETYL EUGENOL**

Revision date: 07-06-2016

Emission date: 24-01-2018

Version: 6

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

**1.1 Product identifier : ACETYL EUGENOL**

**Chemical name:** 4-allyl-2-methoxyphenyl acetate

**CAS:** 93-28-7

**EC Number:** 202-235-6

**Index No.:**

**REACH Registration number:** {?/REACH}

**1.2 Relevant identified uses of the substance or mixture:** Industrial uses. Formulation [mixing] of preparations..

**Uses advised against:** Other uses than those recommended.

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

LLUCH ESSENCE, SL  
C/ Lo Gaiter de Llobregat 160  
08820 – El Prat de Llobregat- Barcelona (Spain)  
Spain  
Phone Number. +(34) 93 379 38 49 Fax. +(34) 93 478 27 54  
e-mail: she@lluche.com

**1.4 Emergency telephone number:** +34 (0) 93 379 38 49.

**Timetable:** Monday to Thursday: 8.00h to 17.15h, Friday: 8.00h to 15.00h (winter).  
Monday to Friday: 8.00h to 15.00h (summer).

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to the Regulation (EC) No 1272/2008.**

Acute toxicity (oral), Hazard Category 4; H302.

**2.2 Label elements**

Número CE: 202-235-6  
4-allyl-2-methoxyphenyl acetate



Signal word: Warning

Hazard Statements:

H302: Harmful if swallowed.

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Precautionary Statements:

P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P330: Rinse mouth.  
P501: Dispose of contents/container to an approved waste disposal plant.

### 2.3 Other hazards

Not available.

## **SECTION 3: Composition/information on ingredients**

### 3.1 Substances

Concentration range of the constituent (% weight/weight)	CE Number / Registration Number	CAS	Chemical name
≥50% and ≤100	202-235-6	93-28-7	4-allyl-2-methoxyphenyl acetate

## **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

Consumption: If swallowed, rinse mouth with water.  
Seek medical advice immediately and show this container or label.  
Do NOT induce vomiting.

Eye contact: First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

Inhalation: Remove person to fresh air and keep at rest.

Skin contact: Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

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

Not described.

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

Not available.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media:**

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:** Not applicable.

**5.3 Advice for firefighters:**

In case of fire in the surrounding area, follow the recommendations below:

1-Closed containers may build up pressure at elevated temperatures.

2-Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.

3-Prevent run-off from fire fighting to enter drains or water courses.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear appropriate gloves to prevent skin exposure.

Avoid contact with skin and inhalation of its vapours or smoke.

Maintain adequate ventilation in the working area after spilling.

**6.2 Environmental precautions:**

Avoid contaminating the environment via the sewers or water sources.

**6.3 Methods and material for containment and cleaning up:**

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

**6.4 Reference to other sections:**

See also sections 8 and 13.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling:**

Keep away from food, drink and animal feedingstuffs. Do not smoke.

Avoid contact with skin and eyes.

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Handle in accordance with good industrial hygiene and safety practice.

**7.2 Conditions for safe storage, including any incompatibilities:**

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

**7.3 Specific end use(s):**

Not available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

Declaration of substances is not required.

**8.2 Exposure controls**

Personal protection equipment:	Use personal protection equipment according to Directive 89/686/EEC.
Engineering Controls-Ventilation:	The areas where the product is handled and stored should be adequately ventilated.
Respiratory Protection:	Use personal breathing apparatus whenever deemed necessary.
Skin Protection:	Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Eye/Face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

**SECTION 9: Physical and chemical properties**

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

Appearance:	FREEZING LIQUID
Colour:	WHITE - CLEAR YELLOW
Odour:	WOODY, SPICY, FRESH
Density:	1.079 g/cm <sup>3</sup> (20 °C)
Boiling point:	282 °C
Refractive Index:	1.515 - 1.520 (20 °C)
Flash point:	> 99 °C
Additional information:	Not applicable.

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity:** Not available.

**10.2 Chemical stability:** Stable under normal operating conditions.

**10.3 Possibility of hazardous reactions:**

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

**10.4 Conditions to avoid:** Heat, flames and other sources of ignition.

**No special precautions other than good housekeeping of chemicals.**

**10.5 Incompatible materials:** Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

**10.6 Hazardous decomposition products:** Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

Acute toxicity:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Skin corrosion/irritation:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Serious eye damage/irritation:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Respiratory or skin sensitisation:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Germ cell mutagenicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Carcinogenicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Reproductive toxicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-single exposure:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-repeated exposure:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Aspiration toxicity:	This substance does not meet the criteria for

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	classification in accordance with Regulation (EC) No 1272/2008.
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**SECTION 12: Ecological information**

- 12.1 **Acute aquatic toxicity:** Not determined
- 12.2 **Persistence and degradability:** Not available.
- 12.3 **Bioconcentration Factor:** Not determined
- 12.4 **Mobility in soil:** Not available.
- 12.5 **Results of PBT and vPvB assessment:** Not determined
- 12.6 **Other adverse effects:** Do not allow the material to enter streams, sewers or other waterways.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

- |                      |  |
|----------------------|--|
| Container disposal:  | Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site. |
| Disposal conditions: | Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.                              |

**SECTION 14: Transport information**

**International Carriage of Dangerous Goods by Road (ADR)**

- |                          |                     |
|--------------------------|---------------------|
| UN No.:                  | N/A                 |
| Proper Shipping Name:    | Not subject to ADR. |
| Packing Group:           | -                   |
| Class:                   | -                   |
| Tunnel restriction code: | -                   |
| Label:                   | -                   |

**Sea Transport (IMDG)**

- |                       |                 |
|-----------------------|-----------------|
| UN No.:               | N/A             |
| Proper Shipping Name: | Not restricted. |
| Packing Group:        | -               |
| Class:                | -               |
| Marine Pollutant:     | No              |
| Label:                |                 |

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**Air Transport (ICAO/IATA)**

UN No.:	N/A
Proper Shipping Name:	Not restricted.
Packing Group:	-
Class:	-
Label:	

**SECTION 15: Regulatory information**

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

Not available

**15.2 Chemical safety assessment:**

Not available.

**SECTION 16: Other information**

This material should only be used for industrial purposes.

Key literature references and sources for data:

1. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
3. Occupational Exposure Limits by the INSHT (Spanish National Institute of Safety and Hygiene at Work).

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Reason for Change: Adjustment to Regulation (EU) 2015/830.