

**SAFETY DATA SHEET****AZARBRE**

(according to Regulation (EU) No. 1907/2006)

Revision date: 10/09/2020 | Date of issue: 28-01-2021 | Version: 11

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

PRODUCT : AZARBRE  
Chemical name : Diethyldimethylcyclohex-2-en-1-one  
CAS : 68845-36-3  
EC Number : 272-462-3  
Registration number (REACH) : 01-2120120150-82/--  
Index No.:

**1.2 Relevant identified uses of the substance or mixture**

Industrial uses. Formulation [mixing] of preparations.  
Uses advised against: Other uses than those recommended.  
{?/TIPOREG}  
{?/EEXP}

**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.

**1.4 Emergency telephone number**

Tel. +34 933 793 849 (8:00 - 17:00 GMT/UTC +1)  
Tel. +1 760 476 3961 Access Code: 335550 (available 24/7 - Verisk 3E).

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008**

Skin corrosion/irritation, Hazard Category 2; H315  
Long-term (chronic) aquatic hazard, category chronic 3; H412.

**2.2 Label elements**

EC Number: 272-462-3  
Diethyldimethylcyclohex-2-en-1-one



Signal word: Warning

Hazard Statements:

H315: Causes skin irritation.  
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P273: Avoid release to the environment.  
P280: Wear protective gloves.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.  
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	EC number / Registration	CAS	Chemical name
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the constituent (% weight/weight)	number		
≥50% and ≤100	272-462-3 01-2120120150-82	68845-36-3	Diethyldimethylcyclohex-2-en-1-one

**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.  
Keep the person at rest. Do NOT induce vomiting.

Eye contact: Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water and seek medical advice.

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

Skin contact: Remove contaminated clothing. Wash skin with mild soap and water, rinse abundantly. If symptoms persist, obtain medical attention.

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

Irritating to skin or mucous membranes (inflammation). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract. Read label before use. No additional information available.

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

Not available.

**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 breathing vapours. Use a suitable respiratory apparatus if necessary. Avoid contact with eyes and skin.  
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**

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Keep away from food, drink and animal feedingstuffs. Do not smoke.  
Avoid contact with skin and eyes.  
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.  
Keep away from incompatible substances (see section 10).

#### 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: Appropriate personal protective equipment shall be worn in accordance with Regulation (EU) 2016/425.  
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. Wear suitable gloves (EN 374).  
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:	LIQUID
Colour:	COLORLESS - PALE YELLOW
Odour:	WOODY, HERBACEOUS
Odour threshold:	Not determined
pH value:	Not determined
Evaporation rate:	Not determined
Melting point:	Not determined
Boiling point:	265 °C
Flash point:	> 100 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Density:	0.929 - 0.933 g/cm <sup>3</sup> (20 °C)
Water solubility:	Not determined
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	Not determined
Kinematic viscosity:	Not determined
Oxidising properties:	Not available.
Explosive properties:	Not available.
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined

#### 9.2 Other information

Additional information: Not applicable.

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Not available.

#### 10.2 Chemical stability

Stable under normal operating conditions.

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#### 10.3 Possibility of hazardous reactions

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

#### 10.4 Conditions to avoid

Handle in accordance with good industrial hygiene and safety practice.

#### 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

See also sections 2 and 3.

Acute toxicity:

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Skin corrosion/irritation:

This substance meets 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 classification in accordance with Regulation (EC) No 1272/2008.

### SECTION 12: Ecological information

#### 12.1 Acute aquatic toxicity

Not determined

#### 12.2 Persistence and degradability

Not available.

#### 12.3 Bioaccumulative potential

Not determined

#### 12.4 Mobility in soil

Not available.

#### 12.5 Results of PBT and vPvB assessment

Not determined

#### 12.6 Other adverse effects

Not available.

Do not allow the material to enter streams, sewers or other waterways.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

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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.: Not applicable  
Proper Shipping Name: Not subject to ADR.  
Packing Group: -  
Class: -  
Tunnel restriction code: -  
Label: -

**Sea Transport (IMDG)**

UN No.: Not applicable  
Proper Shipping Name: Not restricted.  
Packing Group: -  
Class: -  
Subsidiary hazard: -  
Marine Pollutant: No  
Label:

**Air Transport (ICAO/IATA)**

UN No.: Not applicable  
Proper Shipping Name: Not restricted.  
Packing Group: -  
Class: -  
Subsidiary hazard: -  
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: No reason (reprint).