

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name : Cistus Absolute

Product Number : 98401-81

CAS-No. : 8016-26-0

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

Identified uses : Laboratory chemicals, Manufacture of substances

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

Company : Shay and Company  
10639 SE Fuller Rd  
Milwaukie, OR 97222

Telephone : 503-653-1155

#### 1.4 Emergency telephone number

Emergency Phone #: +1-800-262-8200 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

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

Sensitisation — Skin, Hazard Category 1; H317

Hazardous to the aquatic environment — long-term hazard, category chronic 2; H411.

#### 2.2 Label elements

Número CE: 289-711-7  
Cistus ladaniferus, ext.



Signal word: Warning

#### Hazard Statements:

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

#### Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves.

P302+P352: IF ON SKIN: Wash with plenty of water.

P333+P313: If skin irritation or rash 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.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Concentration range	CE Number / Registration	CAS	Chemical name
≥50%	289-711-	8016-26-	Cistus ladaniferus. ext.
Concentration range of the constituent (% weight/weight)	CE Number / Registration Number	CAS	Chemical name

### 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:

May produce an allergic reaction.

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

Not available.

### 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:

- Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.
- Prevent run-off from fire fighting to enter drains or water courses.

### 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.

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## 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.

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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Occupational Exposure Limits:

Spain			
Name of agent	Limit value - 8 hours	Limit value - Short term	Notation
Pinene	113 mg/m <sup>3</sup>		-

### 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance: PASTY

Colour: GREEN - BROWN

Odour: AMBER LIKE

Density: 1.000 g/cm<sup>3</sup> (20 °C)

Flash point: > 100 °C

Additional information: Not applicable.

## 9.2 Other safety information

no data available

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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.

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity:	This substance does not meet 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 meets 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.

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## 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

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## 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.

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## 14. TRANSPORT INFORMATION

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

UN No.:	UN3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Cistus ladaniferus, ext.)
Packing Group:	III
Class:	9
Tunnel restriction code:	(E)
Label:	



### Sea Transport (IMDG)

UN No.:	UN3082
Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s. (Contains Cistus ladaniferus, ext.)
Packing Group:	III
Class:	9
Marine Pollutant:	Yes
Label:	



### Air Transport (ICAO/IATA)

UN No.:	UN3082
Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s. (Mixture of Cistus ladaniferus, ext.)
Packing Group:	III
Class:	9
Label:	



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## 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.

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## 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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