

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.

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.

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 ³		-

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.

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/cm³ (20 °C)
Flash point: > 100 °C
Additional information: Not applicable.

9.2 Other safety information
no data available

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.

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

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.

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:	



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.

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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