

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

PRODUCT: PINE 65%

Revision date: 31-07-2015

Emission date: 10-01-2018

Version: 8

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

1.1 Product identifier : PINE 65%

Chemical name: Pine oil

CAS: 8002-09-3

EC Number:

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.

Flammable liquids, Hazard Category 3; H226

Serious eye damage/eye irritation, Hazard Category 2; H319

Sensitisation — Skin, Hazard Category 1; H317

Aspiration hazard, Hazard Category 1; H304

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

2.2 Label elements

Num. CAS: 8002-09-3

Pine oil



Signal word: Danger

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

PRODUCT: PINE 65%

Revision date: 31-07-2015

Emission date: 10-01-2018

Version: 8

Hazard Statements:

H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P337+P313: If eye irritation persists: Get medical advice/attention.
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		8002-09-3	Pine oil

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.

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

PRODUCT: PINE 65%

Revision date: 31-07-2015

Emission date: 10-01-2018

Version: 8

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.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Recommended: Foam or dry powder.

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:

Closed containers may build up pressure at elevated temperatures.

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

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:

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition.

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:

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

PRODUCT: PINE 65%

Revision date: 31-07-2015

Emission date: 10-01-2018

Version: 8

See section 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.

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: LIQUID

Color: COLORLESS

Odour: CAMPHORACEOUS, FRESH

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

PRODUCT: PINE 65%

Revision date: 31-07-2015

Emission date: 10-01-2018

Version: 8

Density:	0,908 g/cm ³ (20 °C)
Boiling Point:	168 - 230 °C
Flash Point:	55 °C
Refractive Index:	1,470 - 1,480 (20 °C)
Additional information:	Not applicable.

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**
Toxicological effects: See also sections 2 and 3.

SECTION 12: Ecological information

- 12.1 Acute aquatic toxicity:** Not determined
- 12.2 Persistence and degradability:** Not available.
- 12.3 Bioconcentration Factor:**
- 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

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

PRODUCT: PINE 65%

Revision date: 31-07-2015

Emission date: 10-01-2018

Version: 8



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.: UN1272
 Proper Shipping Name: PINE OIL
 Packing Group: III
 Class: 3
 Tunnel restriction code: (D/E)
 Label:   3

Sea Transport (IMDG)

UN No.: UN1272
 Proper Shipping Name: Pine oil
 Packing Group: III
 Class: 3
 Marine Pollutant: Yes
 Label:  

Air Transport (ICAO/IATA)

UN No.: UN1272
 Proper Shipping Name: Pine oil
 Packing Group: III
 Class: 3
 Label:  

SECTION 15: Regulatory information

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

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

PRODUCT: PINE 65%

Revision date: 31-07-2015

Emission date: 10-01-2018

Version: 8

Substances are either included in EINECS, ELINCS, NLP inventories or exempt.

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).

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and our company assumes no liability resulting from the use of this SDS. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment and must determine suitability of this information for his application.

Reason for Change: Regulation (EU) No. 1272/2008 (CLP) compliance.