

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

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier: **Aloe Vera**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses of the substance or mixture: Mixture of odoriferous natural and/or synthetic substances This product can not be used directly in this form or concentration. Product for industrial use only.
Uses advised against: Other uses than those recommended
- 1.3 Details of the supplier of the safety data sheet:
Address:

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture
Classification in accordance with Regulation (EC) No 1272/2008 Serious eye damage/eye irritation, Hazard Category 2; H319 Sensitisation—Skin, Hazard Category 1; H317 Long-term (chronic) aquatic hazard, category chronic 3; H412.

- 2.2 Label elements



GHS07

Signal word: Warning

Contains: benzencarbinol, linalyl acetate, linalool, (R)-p-mentha-1,8-diene, cinnamyl alcohol, 7-hydroxycitronellal, cinnamaldehyde

Hazard Statements:

H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P501: Dispose of contents/container to an approved waste disposal plant.

Contains benzencarbinol, linalyl acetate, linalool, (R)-p-mentha-1,8-diene, cinnamyl alcohol, 7-hydroxycitronellal, 3,7,11-trimethyldodeca-1,6,10-trien-3-ol, mixed isomers, 3-p-cumenyl-2-methylpropionaldehyde, citronellol, coumarin, benzyl salicylate, hydratropaldehyde, cinnamaldehyde, farnesol, α -hexylcinnamaldehyde, isocyclocitral, α -methyl-1,3-benzodioxole-5-propionaldehyde. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment	The product does not contain substances identified as PBT and/or vPvB in a concentration equal to or greater than 0,1 % (w/w).
Environmental endocrine disrupting properties.	The product does not contain substances identified as having environmental endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).
Human health endocrine disrupting properties.	The product does not contain substances identified as having human health endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Concentration range of the constituent (% weight/weight)	EC number / Registration number	CAS	Chemical name	Hazard Class and Category Code; Hazard statement codes
≥5% and <10%	202-859-9 01- 2119492630- 38/ N.A.	100-51-6	Benzencarbinol	Acute Tox. 4; H302 (ATE=1200 mg/kg bw)- Eye Irrit. 2; H319- Skin Sens. 1B; H317
≥1% and <5%	204-116-4 01- 2119454789- 19/N.A.	115-95-7	Linalyl acetate	Skin Irrit. 2; H315- Eye Irrit. 2; H319- Skin Sens. 1B; H317
≥1% and <5%	200-456-2	60-12-8	2-phenylethanol	Acute Tox. 4; H302- Eye Irrit. 2; H319
≥1% and <5%	201-134-4 01- 2119474016- 42/ N.A.	78-70-6	Linalool	Skin Irrit. 2; H315- Eye Irrit. 2; H319- Skin Sens. 1B; H317

Concentration range of the constituent (% weight/weight)	EC number / Registration number	CAS	Chemical name	Hazard Class and Category Code; Hazard statement codes
≥1% and <5%	227-813-5 01- 2119529223- 47/ N.A.	5989-27-5	(R)-p-mentha-1,8-diene	Flam. Liq. 3; H226- Skin Irrit. 2; H315- Skin Sens. 1B; H317- Asp. Tox. 1; H304- Aquatic Acute 1; H400; M=1- Aquatic Chronic 3; H412
≥1% and <5%	203-212-3 01- 2119934496- 29/ N.A.	104-54-1	Cinnamyl alcohol	Acute Tox. 4; H302- Skin Sens. 1B; H317- Aquatic Chronic 2; H411
≥1% and <5%	203-518-7 01- 2119973482- 31/ N.A.	107-75-5	7-hydroxycitronellal	Eye Irrit. 2; H319- Skin Sens. 1B; H317
≥0,1% and <1%	230-597-5 01- 2119457636- 29	7212-44-4	3,7,11-trimethyldodeca-1,6,10-trien-3-ol, mixed isomers	Eye Irrit. 2; H319- Skin Sens. 1B; H317- Aquatic Acute 1; H400- Aquatic Chronic 1; H410
≥0,1% and <1%	203-161-7 01- 2119970582- 32	103-95-7	3-p-cumenyl-2-methylpropionaldehyde	Skin Irrit. 2; H315- Skin Sens. 1B; H317- Aquatic Chronic 3; H412- Repr. 2; H361
≥0,1% and <1%	204-402-9 01- 2119976371- 33/ N.A.	120-51-4	Benzyl benzoate	Acute Tox. 4; H302- Aquatic Acute 1; H400- Aquatic Chronic 2; H411
≥0,1% and <1%	203-375-0 01- 2119453995- 23/ N.A.	106-22-9	Citronellol	Skin Irrit. 2; H315- Eye Irrit. 2; H319- Skin Sens. 1B; H317
≥0,1% and <1%	202-086-7 01- 2119943756- 26/ N.A.	91-64-5	Coumarin	Acute Tox. 4; H302- Skin Sens. 1B; H317- Aquatic Chronic 3; H412
≥0,1% and <1%	204-262-9 01- 2119969442- 31/ N.A.	118-58-1	Benzyl salicylate	Eye Irrit. 2; H319- Skin Sens. 1B; H317- Aquatic Chronic 3; H412
≥0,1% and <1%	202-255-5 N.A.	93-53-8	Hydratropaldehyde	Skin Irrit. 2; H315- Eye Irrit. 2; H319- Skin Sens. 1B; H317- Repr. 2; H361f

Concentration range of the constituent (% weight/weight)	EC number / Registration number	CAS	Chemical name	Hazard Class and Category Code; Hazard statement codes
≥0,1% and <1%	203-213-9 01- 2119935242- 45/N.A. 01- 2119950687- 24	104-55-2	Cinnamaldehyde	Acute Tox.4;H312- Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1A;H317- Aquatic Chronic 3;H412
≥0,1% and <1%	225-004-1 01- 2120763554- 49/ N.A.	4602-84-0	Farnesol	Skin Irrit. 2;H315- Skin Sens. 1B;H317- Aquatic Acute 1;H400- Aquatic Chronic 1;H410
≥0,1% and <1%	639-566-4 01- 2119533092- 50/ N.A.	101-86-0 165184-98-5	α-hexylcinnamaldehyde	Skin Sens. 1B;H317- Aquatic Acute 1;H400- Aquatic Chronic 2;H411
≥0,1% and <1%	215-638-7 N.A.	1335-66-6	Isocyclocitral	Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1;H317- Aquatic Chronic 3;H412
≥0,1% and <1%	202-708-7 01- 2119533169- 37	98-86-2	Acetophenone	Acute Tox. 4;H302- Eye Irrit. 2;H319- Repr. 2;H361
≥0,1% and <1%	214-881-6 01- 2120740119- 58	1205-17-0	α-methyl-1,3-benzodioxole-5-propionaldehyde	Skin Sens. 1B;H317- Aquatic Chronic 2;H411- Repr. 2;H361

* There are components with Specific Concentration Limits.

See section 16 for the full text of the Hazard statement codes declared above.

Specific Concentration Limits:

Chemical name	CAS	EC Number	Concentration range of the constituent (% weight/weight)	Hazard Class and Category Code; Hazard statement codes
Cinnamaldehyde	104-55-2	203-213-9	≥0.01	Skin Sens. 1A;H317

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:

Causes serious eye irritation.
May produce an allergic reaction (rash, urticaria).
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:

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

Occupational Exposure Limits:

Spain			
Name of agent	Limit value - 8 hours	Limit value - Short term	Notation
Diethyl phthalate	5 mg/m ³		-
(R)-p-mentha-1,8-diene	168 mg/m ³		Skin, Sen
Germany			
Benzencarbinol	22 mg/m ³	2(I)	DEU11, DEU32, DEU36, DEU42
Dipropylene glycol	100 mg/m ³	2(II)	DEU11, DEU32, DEU42
(R)-p-mentha-1,8-diene	28 mg/m ³	4(II)	DEU32, DEU36, DEU40, DEU42

Sen - Sensitizing.

Skin - It indicates that, in exposures to this substance, the contribution via the skin may be significant for the total body content if measures are not taken to prevent absorption.

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. Compatible chemical-resistant gloves are recommended.

Rinse and remove gloves immediately after use. Wash hands with soap and water thoroughly after handling.

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:	Conforms to standard
Odour:	Conforms to standard
Odour threshold:	No data available
pH value:	No data available
Evaporation rate:	No data available
Melting point:	No data available
Boiling point:	No data available
Flash point:	88 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Vapour pressure:	No data available
Relative vapour density:	No data available
Density:	Conforms to standard
Water solubility:	No data available
Partition coefficient n-octanol/water (log value):	No data available
Viscosity:	No data available
Kinematic viscosity:	No data available
Oxidising properties:	No data available
Explosive properties:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available

9.2 Other 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.
Handle in accordance with good industrial hygiene and safety practice.
- 10.5 Incompatible materials: Acids, Caustics, Strong Reducing Agents, Isocyanates, Nitrides, Organic Peroxides and Hydroperoxides, Epoxides.
- 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 hazard classes as defined in Regulation (EC) No 1272/2008

See also sections 2 and 3.

No toxicological information is available on the product itself.

Always use the product with care when handling chemicals.

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

11.2 Information on other hazards:

Endocrine disrupting properties.:

The product does not contain substances identified as having human health endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity:

No ecotoxicological information is available on the product itself.

Short-term (acute) aquatic hazard:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Long-term (chronic) aquatic hazard:	This mixture meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

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:

The product does not contain substances identified as PBT and/or vPvB in a concentration equal to or greater than 0,1 %(w/w).

12.6 Endocrine disrupting properties.:

The product does not contain substances identified as having environmental endocrine disrupting properties in a concentration equal to or greater than 0,1 %(w/w).

12.7 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

Container disposal: Do not reuse empty containers. Containers must be disposed of as hazardous waste.

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) 14.1 UN number or ID number:

UN No.: Not applicable

14.2 UN proper shipping name: Not subject to ADR.

14.3 Transport hazard class(es):

Class: -

Subclass: -

14.4 Packing group: -

14.6 Special precautions for user:

Tunnel restriction code: -

Label: -

Sea Transport (IMDG)

14.1 UN number or ID number:

UN No.: Not applicable:

14.2 UN proper shipping name: Not restricted.

14.3 Transport hazard class(es):

Class: -:

Subsidiary hazard: -:
14.4 Packing group: -
14.5 Environmental hazards:
Marine Pollutant: No
14.6 Special precautions for user:
IMDG-Code segregation group: -
EmS:
Label:
14.7 Maritime transport in bulk according to IMO instruments: Not applicable

Air Transport (ICAO/IATA)

14.1 UN number or ID number:
UN No.: Not applicable:
14.2 UN proper shipping name: Not restricted.
14.3 Transport hazard class(es):
Class: -:
Subsidiary hazard: -:
14.4 Packing group: -
14.6 Special precautions for user:
Passenger aircraft: ACCEPTED
Cargo aircraft: ACCEPTED
Label:

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
Substances of very high concern:
The product does not contain substances included in the Substances of Very High Concern list (> 0,1 % w/w).
Substances are either included in EINECS, ELINCS, NLP inventories or exempted.
15.2 Chemical safety assessment:
Not available.

SECTION 16: OTHER INFORMATION

Text of hazard statement codes in section 3:
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.

H319:	Causes serious eye irritation.
H361:	Suspected of damaging fertility or the unborn child
H361f:	Suspected of damaging fertility.
H400:	Very toxic to aquatic life.
H410:	Very toxic to aquatic life with long lasting effects.
H411:	Toxic to aquatic life with long lasting effects.
H412:	Harmful to aquatic life with long lasting effects.

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).

Reason for Change: Changes in Section 2.
Changes in Section 3.

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