

**WILD VERBENA ESSENTIAL OIL**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

**1.1 Product identifier**

Product Name WILD VERBENA ESSENTIAL OIL  
 Substance name *Lippia javanica* (Burm.f.) Spreng, ext.  
 CAS No. NA  
 EC No. 926-081-0  
 REACH Registration No. Exempt: tonnage band under 1 ton/year

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

Identified Use(s) Raw material for industry  
 Cosmetic products, detergents  
 Uses Advised Against Not known.

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

Supplier  
 Company Identification Scents From Nature - Natural Essential Oils Company, Lda  
 Address of Manufacturer Zona Industrial da Ladeira da Calça, Lote 1  
 Postal code 3260-305 Figueiró dos Vinhos, Portugal  
 Telephone: (+351) 236 551 093  
 E-mail Info@SCENTSNATURE.com

**1.4 Emergency telephone number**

National response centre  
 Address Centro de Informação Antivenenos (CIAV)  
 INEM – Instituto Nacional de Emergência Médica,  
 Rua Almirante Barroso, 36,  
 1000 – 013 LISBOA, Portugal.  
 Emergency Phone No. 800 250 250

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 3: Flammable liquid and vapour.  
 Asp. Tox. 1: May be fatal if swallowed and enters airways.  
 STOT SE. 3: May cause respiratory irritation.  
 Skin. Sens. 1: May cause an allergic skin reaction.  
 Aquatic Haz. 1: Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)  
 Product Name WILD VERBENA ESSENTIAL OIL  
 Substance name *Lippia javanica* (Burm.f.) Spreng

Hazard Pictogram(s)



GHS02



GHS08



GHS07



GHS09

Signal Word(s)

Danger

Hazard Statement(s)

H226: Flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways  
 H317: May cause an allergic skin reaction  
 H335: May cause respiratory irritation  
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233: Keep container tightly closed.  
 P240: Ground/bond container and receiving equipment  
 P241: Use explosion-proof electrical /ventilating /lighting equipment  
 P242: Use only non-sparking tools.  
 P243: Take precautionary measures against static discharge.  
 P261: Avoid breathing dust /fume /gas /mist /vapours /spray



**WILD VERBENA ESSENTIAL OIL**

Response(s)

P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing

Storage

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water  
P321 Specific treatment (see on this label).  
P331 Do NOT induce vomiting  
P333 + P313 If skin irritation or rash occurs: Get medical advice /attention.  
P363 Wash contaminated clothing before reuse  
P370+P378 In case of fire: Use CO2 for extinction.  
P391 Collect spillage.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container to ...

**WILD VERBENA ESSENTIAL OIL****2.3 Other hazards**

None known.

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Lippia javanica ext.	NA	926-081-0	100	Flam. Liq. 3 (H226) Aquatic Chronic (H410) Asp. Tox. 1 (H304) Skin. Sens 1 (H317) Resp. Irrit. 1 (H335)	GHS02 GHS07 GHS08 GHS09

Major constituents of the substance contributing to the classification:

INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)
alpha-Phellandrene	99-83-2	202-792-5	<17%	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 STOT SE 3, H335
Limonene	138-86-3	205-341-0	<14%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
β-Myrcene	123-35-3	204-622-5	<39%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

Inhalation	Remove person to fresh air and keep comfortable for breathing. Summon a physician immediately.
Skin Contact	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
Eye Contact	In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.
Ingestion	Dilute with water. Do not induce vomiting. Contact physician.

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

No further details.

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

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

**WILD VERBENA ESSENTIAL OIL**

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable Extinguishing media Use water spray, dry powder or carbon dioxide to extinguish.  
Unsuitable extinguishing media Water jet spray

**5.2 Special hazards arising from the substance or mixture**

Breathing vapours and smokes produced by fire. Burning will cause strong smoke and soot.

**5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.  
Small fires can be smothered by covering with earth, sand or a blanket.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

**6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

**6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

**6.4 Reference to other sections**

See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

**7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

**7.3 Specific end use(s)**

Not known.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).

**WILD VERBENA ESSENTIAL OIL**

Respiratory protection A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Conforms to standard
Odour	Conforms to standard
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Na
Dynamic viscosity	Not known
Kinematic viscosity	Not known
Solubility	Solubility (Water): Insoluble Solubility (Ethanol): Soluble.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known
Relative vapour density	Not known.
Particle characteristics	Not known.

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known in proper storage conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity</b>	Harmful if swallowed.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/irritation</b>	Causes serious eye damage/ eye irritation.
<b>Respiratory or skin sensitisation</b>	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>Germ cell mutagenicity</b>	Suspected of causing genetic defects
<b>Carcinogenicity</b>	Based on the data available, the criteria for classification are not met.
<b>Reproductive toxicity</b>	Based on the data available, the criteria for classification are not met.



SCENTS  
*from* NATURE

SAFETY DATA SHEET

Date of Issue:  
13-12-2021

**WILD VERBENA ESSENTIAL OIL**

<b>STOT-single exposure</b>	Based on the data available, the criteria for classification are not met.
<b>STOT-repeated exposure</b>	Based on the data available, the criteria for classification are not met.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

**WILD VERBENA ESSENTIAL OIL**

**11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Very toxic to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates Not known.  
 Toxicity - Fish Not known.  
 Toxicity - Algae Not known.  
 Toxicity - Sediment Compartment Not classified.  
 Toxicity - Terrestrial Compartment Not classified.

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number or ID number**

UN No. 1169

**14.2 UN proper shipping name**

UN proper shipping name EXTRACTS, AROMATIC, LIQUID

**14.3 Transport hazard class(es)**

ADR/RID  
 ADR/RID Class 3  
 ADR Classification Code F1  
 Special Provisions 601  
 Limited Quantities 5 L  
 Excepted Quantities E1  
 Emergency Action Code 3Y  
 Mixed Packing Instructions for Packages P001 IBC03 LP01 R001  
 Special Packing Provisions for Packages  
 Mixed Packing Instructions for Packages MP19  
 Packing Instructions for Portable Tanks T2  
 Special Provisions for Portable Tanks TP1  
 Tank Code for Tanks LGBF  
 Special Provisions for Tanks  
 Vehicle for Tank Carriage FL  
 ADR Transport Category 3  
 Tunnel Restriction Code D/E  
 Special Provisions for Carriage - Packages V12  
 Special Provisions for Carriage - Bulk

**WILD VERBENA ESSENTIAL OIL**

Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	S2
ADR HIN	30
IMDG	
IMDG Class	3
Special Provisions	601
Limited Quantities	5 L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	
Packing Instructions for Portable Tanks	T2
Special Provisions for Portable Tanks	TP1
IMDG EMS	F-E, S-D
Storage and Handling	Category A
Segregation	
Marine Pollutant	
ICAO/IATA	
IATA Proper Shipping Name	EXTRACTS, AROMATIC, LIQUID
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y344
Passenger and Cargo Aircraft Limited Quantities Max net Qty	10L
Passenger and Cargo Aircraft Packing Instructions	355
Passenger and Cargo Aircraft Max net Qty	60L
Cargo Aircraft Packing Instructions	366
Cargo Aircraft Max net Qty	220L
Special Provisions	A3
Emergency Response Guidebook (ERG) Code	3L
Labels	
Labels	3



**14.4 Packing group**

Packing group III

**14.5 Environmental hazards**

Environmental hazards Classified as a Marine Pollutant.

**14.6 Special precautions for user**

Special precautions for user Not known.

**14.7 Maritime transport in bulk according to IMO instruments**

No information available

**SECTION 15: REGULATORY INFORMATION**

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

Community Rolling Action Plan (CoRAP) Not listed





SAFETY DATA SHEET

Date of Issue:  
13-12-2021

**WILD VERBENA ESSENTIAL OIL**

Not listed

Not

known

**WILD VERBENA ESSENTIAL OIL**

Other  
**15.2 Chemical Safety Assessment**

Not known.

A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s)



GHS02



GHS08



GHS07



GHS09

GHS09: GHS: Environment

Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE : Acute Toxicity Estimate  
CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
IATA : International Air Transport Association  
IBC : Intermediate Bulk Container

**WILD VERBENA ESSENTIAL OIL**

ICAO : International Civil Aviation Organization  
IMDG : International Maritime Dangerous Goods  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
UN : United Nations  
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP)  
data used to compile the SDS  
Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. SDS supplier gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. SDS supplier accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.