

**VIOLET LEAVES ABSOLUTE EGYPT****SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

CAS TSCA: 8024-08-6  
CAS EINECS: 90147-36-7  
EINECS: 290-427-0  
Product name: VIOLET LEAVES ABSOLUTE EGYPT

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

Aromatic Raw Material - Professional and industrial use.

**Use descriptor system (REACH) :**

REACH registration number: Exempt for registration under REACH - production < 1 ton/year.

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

Registered company name : Floral Concept.  
Address : Parc d'Activité des Hauts de Grasse - 60, Allée des Arômes.06530.Saint Cezaire sur Siagne.France.  
Telephone : 33 (0)4 93 66 66 00. Fax : 33 (0)4 93 40 45 00.  
contact@floral-concept.com  
http://www.floral-concept.com

**1.4. Emergency telephone number : +33 (0)1 45 52 59 59.**

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

**Other emergency numbers**

<http://echa.europa.eu/fr/support/helpdesks/national-helpdesks/list-of-national-helpdesks>

**SECTION 2 : HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture****In compliance with EC regulation No. 1272/2008 and its amendments.**

May produce an allergic reaction (EUH208).  
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).  
This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

**2.2. Label elements****In compliance with EC regulation No. 1272/2008 and its amendments.**

Additional labeling :  
EUH208 Contains NONA-2-TRANS-6-CIS-DIENAL. May produce an allergic reaction.  
EUH208 Contains LINALOOL. May produce an allergic reaction.  
EUH208 Contains 1-OCTEN-3-OL. May produce an allergic reaction.  
EUH208 Contains ISOEUGENOL. May produce an allergic reaction.

**Hazard statements :**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements - Prevention :**

P273 Avoid release to the environment.

**Precautionary statements - Disposal :**

P501 Dispose of contents/container in accordance to the current regulations.

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**2.3. Other hazards**

The substance does not fulfil the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.

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

**3.1. Substances**

**Composition :**

Identification	(EC) 1272/2008	Note	%
CAS: 64-17-5 EC: 200-578-6  ETHYL ALCOHOL	GHS02, GHS07 Dgr Eye Irrit. 2, H319 Flam. Liq. 2, H225	[1]	1.2000%
CAS: 150-86-7 EC: 205-776-6  PHYTOL	GHS07, GHS09 Wng Skin Irrit. 2, H315 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		1.0500%
CAS: 557-48-2 EC: 209-178-6  NONA-2-TRANS-6-CIS-DIENAL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0.5000%
CAS: 78-70-6 EC: 201-134-4  LINALOOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0.4400%
CAS: 505-32-8 EC: 208-008-8  ISOPHYTOL	GHS07, GHS09 Wng Skin Irrit. 2, H315 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0.1600%
CAS: 3391-86-4 EC: 222-226-0  1-OCTEN-3-OL	GHS06 Dgr Acute Tox. 3, H301 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Acute Tox. 4, H332		0.1100%
CAS: 97-54-1 EC: 202-590-7  ISOEUGENOL	GHS07 Wng Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335		0.0050%

**Specific concentration limits:**

Identification	Specific concentration limits	ATE
CAS: 78-70-6 EC: 201-134-4  LINALOOL		oral: ATE = 2790 mg/kg BW

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CAS: 3391-86-4 EC: 222-226-0 1-OCTEN-3-OL		inhalation: ATE = 3.7 mg/1 4h (dust/mist) dermal: ATE = 3300 mg/kg BW oral: ATE = 175 mg/kg BW
CAS: 97-54-1 EC: 202-590-7 ISOEUGENOL	Skin Sens. 1A: H317 C <sup>&gt;=</sup> 0.01%	dermal: ATE = 1912 mg/kg BW oral: ATE = 1500 mg/kg BW

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. description of first aid measures**

**In the event of exposure by inhalation :**

In the event of an allergic reaction, seek medical attention.

**In the event of splashes or contact with skin :**

In the event of an allergic reaction, seek medical attention.

**In the event of swallowing :**

Seek medical attention, showing the label.

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

No data available.

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

No data available.

**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

No data available.

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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

Consult the safety measures listed under headings 7 and 8.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

Important spillage should be contained by use of sand or an inery absorbent product.

Pump and rinse with water after waste recovery.

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Waste and rinsing water should be disposed by an accredited company.

**6.4. Reference to other sections**

No data available.

**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the substance is handled.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

**Fire prevention :**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the substance is used.

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

No data available.

**Storage**

Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protect from light in tightly closed original container.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

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

**8.1. Control parameters**

**Occupational exposure limits :**

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME :	VME :	Excess	Notes
64-17-5		200 ppm 380 mg/m <sup>3</sup>		4(II)

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm 1920 mg/m <sup>3</sup>				

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

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Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

**- Body protection**

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**Physical state**

Physical state : Viscous liquid.  
Appearance : Thick liquid at room temperature.

**Colour**

Color : Dark green to green brown.

**Odour**

Odour threshold : Not stated.  
Odour : Green, floral, woody.

**Melting point**

Melting point/melting range : Not specified.

**Freezing point**

Freezing point / Freezing range : Not stated.

**Boiling point or initial boiling point and boiling range**

Boiling point/boiling range : Not specified.

**Flammability**

Flammability (solid, gas) : Not stated.

**Lower and upper explosion limit**

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

**Flash point**

Flash Point : 120.00 °C.  
--Method: ISO 11018:1997 (closed cup).

**Auto-ignition temperature**

Self-ignition temperature : Not specified.

**Decomposition temperature**

Decomposition point/decomposition range : Not specified.

**pH**

pH : Not relevant.

pH (aqueous solution) : Not stated.

**Kinematic viscosity**

Viscosity : Not stated.  
Viscosity:  $v < 7 \text{ mm}^2/\text{s}$  (40°C)  
--Method: Estimated value.

**Solubility**

Water solubility : Insoluble.

Fat solubility : Not stated.

Solubility : From soluble to partially soluble in ethyl alcohol - ISO 875:1999.

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**Partition coefficient n-octanol/water (log value)**

Partition coefficient: n-octanol/water : Not stated.

**Vapour pressure**

Vapour pressure (50°C) : Between 175 kPa and 300 kPa inclusive.  
--Method: Estimated value.

**Density and/or relative density**

Density : [- ; -] - ISO 279:1999.

**Relative vapour density**

Vapour density : Not stated.

**9.2. Other information**

Optical rotation : [- ; -] - ISO 592:1999.

Index of refraction : [- ; -] - ISO 280:1999.

Transformation's country : France.

Country of origin for the raw material : Egypt.

**9.2.1. Information with regard to physical hazard classes**

No data available.

**9.2.2. Other safety characteristics**

No data available.

**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

Oxidation risk on a long-term period.

**10.2. Chemical stability**

This substance is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Excessive temperatures (>40°C)

Light exposure.

Heat source exposure.

**10.5. Incompatible materials**

Acids, bases and oxidizers.

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

**SECTION 11 : TOXICOLOGICAL INFORMATION**

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

No data available.

**11.1.1. Substances**

**Acute toxicity :**

ISOEUGENOL (CAS: 97-54-1)

Oral route : LD50 = 1500 mg/kg

Dermal route : LD50 = 1912 mg/kg

1-OCTEN-3-OL (CAS: 3391-86-4)

Oral route : LD50 = 175 mg/kg

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Dermal route :	LD50 = 3300 mg/kg
Inhalation route (Dusts/mist) :	LC50 = 3.7 mg/l Duration of exposure : 4 h
LINALOOL (CAS: 78-70-6) Oral route :	LD50 = 2790 mg/kg

**11.1.2 Complex substance**

**Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

**11.2. Information on other hazards**

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 97-53-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 117-81-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 140-11-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 64-17-5 : IARC Group 1 : The agent is carcinogenic to humans.

**SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity**

**12.1.2 Complex substance**

No aquatic toxicity data available for the substances.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Endocrine disrupting properties**

No data available.

**12.7. Other adverse effects**

No data available.

**German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBWs) :**

WGK 1 : Slightly hazardous for water.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

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**Soiled packaging :**

- Empty container completely. Keep label(s) on container.
- Give to a certified disposal contractor.

**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

**14.1. UN number or ID number**

-

**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

-

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

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

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**SECTION 15: Regulatory information**

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

**- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

**- Container information:**

Substance not restricted under Annex XVII of Regulation (EC) no. 1907/2006 (REACH):  
<https://echa.europa.eu/substances-restricted-under-reach>.

**- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :**

WGK 1 : Slightly hazardous for water.

**- Swiss ordinance on the incentive tax on volatile organic compounds :**

111-27-3	hexane-1-ol
100-51-6	Alcool benzylique
64-17-5	éthanol, seulement s'il s'agit d'alcools impropres à la consommation (art. 31 de la loi fédérale sur l'alcool)
5989-27-5	D-limonène ([R]-p-mentha-1,8-diene)
140-11-4	acétate de benzyle

**15.2. Chemical safety assessment**

No data available.

**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the substance and not as a guarantee of the properties thereof.



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**Wording of the phrases mentioned in section 3 :**

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**Abbreviations :**

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.  
LC50 : The concentration of a test substance resulting in 50% lethality in a given period.  
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.  
ATE : Acute Toxicity Estimate  
BW : Body Weight  
STEL : Short-term exposure limit  
TWA : Time Weighted Averages  
TLV : Threshold Limit Value (exposure)  
AEV : Average Exposure Value.  
ADR : European agreement concerning the international carriage of dangerous goods by Road.  
IMDG : International Maritime Dangerous Goods.  
IATA : International Air Transport Association.  
ICAO : International Civil Aviation Organisation  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
WGK : Wassergefährdungsklasse (Water Hazard Class).  
PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.