

ACETATE GERANYLE PURE - H01122



**SAFETY DATA SHEET**  
(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

**1.1. Product identifier**

CAS: 105-87-3  
EC: 203-341-5  
REACH: 01-2119973480-35

Product name : ACETATE GERANYLE PURE

Product code : H01122.

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

Use of the Substance/Mixture: Ingredient used in Fragrance preparations

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

Registered company name : IFF CHEMICAL HOLDINGS, INC..

Address : 2051 NORTH LANE AVENUE.2051.JACKSONVILLE.USA.

Telephone : +19047832180. Fax : +19046954616.

sds@iff.com

Distributor : BLH s.a.s.

Address : ZAC du Pilon - 06460 SAINT VALLIER DE THIEY

Tél : 04 92 60 35 60 - Fax : 04 92 60 35 69

Website : www.blhsas.com

**> 1.4. Emergency telephone number : +33 (0)1 45 42 59 59.**

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

**>SECTION 2 : HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

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

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

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.**

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

EC 203-341-5 GERANYL ACETATE

EC 205-459-2 NERYL ACETATE

Hazard statements :

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves.

Precautionary statements - Response :

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

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P362 + P364

Take off contaminated clothing and wash it before reuse.

Precautionary statements - Disposal :

P501

Dispose of contents/container to hazardous or special waste collection point.

**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: 105-87-3 EC: 203-341-5 REACH: 01-2119973480-35  GERANYL ACETATE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412		900-100
CAS: 141-12-8 EC: 205-459-2  NERYL ACETATE	GHS07 Wng Skin Sens. 1B, H317		1-10

**>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 splashes or contact with skin :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

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

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**In the event of swallowing :**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, 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****Suitable methods of extinction**

In the event of a fire, use :

- foam
- powder
- carbon dioxide (CO2)

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

**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 (CO2)

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> 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 non first aid worker

Avoid any contact with the skin and eyes.

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.

> 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.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this substance.

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.

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

No data available.

> Derived no effect level (DNEL) or derived minimum effect level (DMEL):

GERANYL ACETATE (CAS: 105-87-3)

> Final use:

Exposure method:  
Potential health effects:  
DNEL :

Workers.

Dermal contact.  
Long term systemic effects.  
35.5 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
62.59 mg of substance/m3

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>	<b>Final use:</b>	<b>Consumers.</b>
	Exposure method:	Ingestion.
	Potential health effects:	Long term systemic effects.
	DNEL :	8.9 mg/kg body weight/day
	Exposure method:	Dermal contact.
	Potential health effects:	Long term systemic effects.
	DNEL :	17.75 mg/kg body weight/day
	Exposure method:	Inhalation.
	Potential health effects:	Long term systemic effects.
	DNEL :	15.4 mg of substance/m3

> **Predicted no effect concentration (PNEC):**

GERANYL ACETATE (CAS: 105-87-3)

Environmental compartment:	Soil.
PNEC :	0.086 mg/kg
Environmental compartment:	Fresh water.
PNEC :	3.72 µg/l
Environmental compartment:	Sea water.
PNEC :	0.372 µg/l
Environmental compartment:	Fresh water sediment.
PNEC :	0.442 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.044 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	8 mg/l

**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

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.

Recommended properties :

- Impervious gloves in accordance with standard EN ISO 374-2

> **- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

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Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

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**

**> General information :**

Physical state : Fluid liquid.

**Important health, safety and environmental information**

pH : Not relevant.  
Boiling point/boiling range : Not specified.  
Flash Point Interval : FP > 100°C.  
Vapour pressure (50°C) : Not relevant.  
Density : CoA  
Water solubility : Insoluble.  
Melting point/melting range : Not specified.  
Self-ignition temperature : Not specified.  
Decomposition point/decomposition range : Not specified.

**9.2. Other information**

No data available.

**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**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**

Avoid :  
- heat

**10.5. Incompatible materials**

Keep away from :  
- strong acids  
- oxidising agents  
- alkali metals

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :  
- carbon monoxide (CO)  
- carbon dioxide (CO2)

**>SECTION 11 : TOXICOLOGICAL INFORMATION**

**> 11.1. Information on toxicological effects**

**11.1.1. Substances**

**> Acute toxicity :**

GERANYL ACETATE (CAS: 105-87-3)

Oral route : LD50 = 6330 mg/kg  
Species : Rat

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Dermal route :

LD50 > 2000 mg/kg  
Species : Rabbit

**>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**

**> 12.1.1. Substances**

GERANYL ACETATE (CAS: 105-87-3)

Fish toxicity :

LC50 = 68.12 mg/l  
Species : Leuciscus idus  
Duration of exposure : 96 h  
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 14.1 mg/l  
Species : Daphnia magna  
Duration of exposure : 48 h

Algae toxicity :

ECr50 = 3.72 mg/l  
Species : Desmodesmus subspicatus  
Duration of exposure : 72 h  
OECD Guideline 201 (Alga, Growth Inhibition Test)

**> 12.2. Persistence and degradability**

**> 12.2.1. Substances**

GERANYL ACETATE (CAS: 105-87-3)

Biodegradability :

Rapidly degradable.

**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. Other adverse effects**

No data available.

**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.

**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**

-

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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

-

>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. 2020/1182 (ATP 15)

- Container information:

No data available.

- Particular provisions :

No data available.

> 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.

Wording of the phrases mentioned in section 3 :

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

> Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

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).

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

> Modification compared to the previous version