

PHENYLACETATE METHYLE 105949 - E16087



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: 101-41-7
EC: 202-940-9
REACH: 01-2120740957-42

Product name : PHENYLACETATE METHYLE 105949

Product code : E16087.

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

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

1.3. Details of the supplier of the safety data sheet

Registered company name : Symrise AG.

Address : Muehlenfeldstrasse 1.D-37603.Holzminden..

Telephone : +495531900. Fax : +495531901649.

sds@symrise.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 : .

>SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This substance does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

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

No labelling requirements for this substance.

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: 101-41-7 EC: 202-940-9 REACH: 01-2120740957-42 PHÉNYLACÉTATE DE MÉTHYLE			99-100

>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 eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

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> In the event of swallowing :

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

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show 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 :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC 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)

> 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.

> 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.

Ensure that there is adequate ventilation, especially in confined areas.

> Fire prevention :

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

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> **Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Packages which have been opened must be reclosed carefully and stored in an upright position.

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**

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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):**

PHÉNYLACÉTATE DE MÉTHYLE (CAS: 101-41-7)

>	Final use:	Workers.
	Exposure method:	Dermal contact.
	Potential health effects:	Long term systemic effects.
	DNEL :	14 mg/kg body weight/day
	Exposure method:	Inhalation.
	Potential health effects:	Long term systemic effects.
	DNEL :	4.9 mg of substance/m3
>	Final use:	Consumers.
	Exposure method:	Ingestion.
	Potential health effects:	Long term systemic effects.
	DNEL :	0.5 mg/kg body weight/day
	Exposure method:	Dermal contact.
	Potential health effects:	Long term systemic effects.
	DNEL :	5 mg/kg body weight/day
	Exposure method:	Inhalation.
	Potential health effects:	Long term systemic effects.
	DNEL :	0.74 mg of substance/m3

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

PHÉNYLACÉTATE DE MÉTHYLE (CAS: 101-41-7)

Environmental compartment:	Soil.
PNEC :	0.034 mg/kg
Environmental compartment:	Fresh water.
PNEC :	0.016 mg/l
Environmental compartment:	Sea water.
PNEC :	0.0016 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	0.22 mg/kg

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Environmental compartment:	Marine sediment.
PNEC :	0.022 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	0.175 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

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

- 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****> General information :**

Physical state : Fluid liquid.

Important health, safety and environmental information

pH :	Not relevant.
Boiling point/boiling range :	218,4 °C (1.013 hPa)
Flash Point :	100.00 °C.
Vapour pressure (50°C) :	Not relevant.
Density :	CoA
Water solubility :	Insoluble.
Partition coefficient: n-octanol/water :	log Pow: 1,91
Melting point/melting range :	-23,7 °C (1.013 hPa)
Self-ignition temperature :	460 °C.
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

When exposed to high temperatures, the substance can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

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> 10.4. Conditions to avoid

No data available.

> 10.5. Incompatible materials

No data available.

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 :

PHÉNYLACÉTATE DE MÉTHYLE (CAS: 101-41-7)

Oral route :

LD50 = 2550 mg/kg

Species : Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route :

LD50 = 2400 mg/kg

Species : Rabbit

OECD Guideline 402 (Acute Dermal Toxicity)

Germ cell mutagenicity :

PHÉNYLACÉTATE DE MÉTHYLE (CAS: 101-41-7)

Ames test (in vitro) :

Negative.

>SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

> 12.1.1. Substances

PHÉNYLACÉTATE DE MÉTHYLE (CAS: 101-41-7)

Fish toxicity :

LC50 = 16.14 mg/l

Species : Danio rerio

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 117 mg/l

Species : Daphnia magna

Duration of exposure : 48 h

OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 = 61.9 mg/l

Species : Pseudokirchnerella subcapitata

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

12.2. Persistence and degradability

12.2.1. Substances

PHÉNYLACÉTATE DE MÉTHYLE (CAS: 101-41-7)

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

-

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

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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. 2020/217 (ATP 14)

- 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.

> 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.

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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.

|> Modification compared to the previous version