

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

BUTTER-PERLEN

1. Identification of the substance/mixture and company

Trade name: Butter-Perlen
I.N.C.I. C10-18 Triglycerides
CAS No.: 85665-33-4
EC No.: 288-123-8
REACH pre-registration No.: EXEMPTED (ANNEX IV)
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
not available data

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 - none
Signal word: none
Hazard statements: none
GHS label elements: none

US NFPA 704 (National Fire Protection Association) Hazard Rating System

Health hazard:
Rating 0: Normal material.
Flammability:
Rating 0: Will no burn.
Reactivity:
Rating 0: Stable.
Other hazard information: None.

2.3 Other hazards

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

3. Declaration of ingredients

3.1 Chemical characterization:

Description: Glycerides, C10-18
Ingredient (raw material) for cosmetic or pharmaceutical uses
Not hazardous in terms of Regulations in force.

4. First aid measures

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4.1 Description of first aid measures

General information:

No special measures required.

After inhalation:

Supply fresh air ; consult doctor in case of complaint.

After skin contact:

Wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Seek immediate medical advice.

Information for doctor:

No further relevant information available.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Fire fighting measures

5.1 Extinguishing media

5.1 Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

No special measures required.

Protective equipment: No special measures required.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

Particular danger of slipping on leaked/spilled product.

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6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Ensure adequate ventilation.

7. Handling and storage

Handling:

7.1 Precautions for safe handling

No special measures required.

Information about fire-and explosion protection:

Keep ignition sources away - Do not smoke.

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

No special requirements.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

7.3 Specific end use(s)

No further relevant information available.

8. Exposure controls / personal protection

8.1 Control parameters

Workplace:

Ingredients with limit values that require monitoring at the Not required.

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands: Protective gloves

Material of gloves

Eye protection: Safety glasses

Body protection: Protective work clothing

9. Physical and chemical properties

Appearance:

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Form: Solid
Colour: Whitish
Odour: Characteristic
pH-value: Not relevant
Flash point: > 200,0 °C DIN 51376
Flammability (solid, gaseous): Not applicable.
Ignition temperature (auto ignition): > 300 °C
Danger of explosion: Product does not present an explosion hazard.
Vapour pressure: Not determined.
Solubility in / Miscibility with water: insoluble.

10. Stability and reactivity

10.1 Reactivity: Stable.

10.2 Chemical stability

Stable. Thermal decomposition / conditions to be a not available dataed: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to a not available data

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide

11. Toxicological information

11.1 Summary:

A summary of the evaluation is presented here after.

Acute toxicity:

LD/LC50 values relevant for classification:

85665-33-4 Glycerides, C10-18

Oral, LD50: > 2001 mg/kg (rat)

Oral, LD0: > 20000 mg/kg (rat)

Primary irritant effect: on the skin:

No irritant effect. Not classified (Regulation CLP (EC) No 1272/2008).

On the eye: No irritating effect. Not classified (Regulation CLP (EC) No 1272/2008).

Sensitization: No sensitising effects known. Not classified (Regulation CLP (EC) No 1272/2008).

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Subacute to chronic toxicity: Not classified (Regulation CLP (EC) No 1272/2008).

Additional toxicological information: The substance is not subject to classification according to the latest version of the EU lists.

Toxicological information about product:

The toxicity assessment of our product is based on a read-across approach (structurally related substances). Health effects of our product are predicted from data on similar substances. Only the studies important for the product classification are listed here after. Contact us for the complete list of studies.

Primary cutaneous and corrosive irritation:

Species: Rabbit - Concentration: Pure- Result: Non irritant.

Other studies: Study 2: Non irritant grade CM / rabbit / pure.

Ocular irritation and reversibility:

Species: Rabbit- Concentration: Pure- Result: Slightly irritant.

Other studies : Study 2: Slightly irritant grade CM / rabbit / pure.

Cutaneous irritation (Patch test):

Species: Human being.- Concentration: Diluted at 15% in kernel oil.- Result: Non irritant.

Acute toxicity (oral):

Species: Rat- Concentration: Pure- Result: LD50 > 2001 mg/kg.

Other studies: Study 2: LDO > 20000 mg/kg (grade CM / Rat / Pure).

12. Ecological information

12.1 Summary:

A summary of the evaluation is presented here after.

Toxicity:

85665-33-4 Glycerides, C10-18

poisson, LC0 : (96H) > 10000 mg/l

poisson, LC50 : (96H) > 10000 mg/l

algue, EC50 : (72H) > 100 mg/l

daphnie, EC50 (S): (48H) > 100 mg/l

daphnie, NOEC : (21DAY) > 0.01 mg/l

Biodegradabilit : (28DAY) 84 %

log P oct/wat : > 8 (MEASURED)

12.2 Persistence and degradability

Easily biodegradable

Not classified (Regulation CLP (EC) No 1272/2008).

12.3 Bioaccumulative potential

A worth-mentioning accumulation in organisms is not expected.

Not classified (Regulation CLP (EC) No 1272/2008).

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12.5 Results of PBT and vPvB assessment

Not classified PBT and vPvB (Annex VI Regulation (EC) No 1272/2008).

Indications about product:

The ecotoxicity assessment of our product is based on a read-across approach (structurally related substances).

Environment effect and environmental fate of our product are predicted from data on similar substances.

No ecotoxicity study has been done on the product.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation: according to official regulations.

Recommendation about packaging:

Disposal must be made according to official regulations

14. Transport information

14.1 UN-Number

Not regulated.

ADR not available data

IMDG not available data

IATA not available data

14.2 UN proper shipping name

Not regulated.

ADR not available data

IMDG not available data

IATA not available data

14.3 Transport hazard class(es)

Not regulated.

ADR

Class not available data

IMDG

Class not available data

IATA

Class not available data

14.4 Packing group

Not regulated.

ADR not available data

IMDG not available data

IATA not available data

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14.5 Environmental hazards:

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Transport/Additional information: Not applicable.

15. Regulatory information

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

Labelling according to EU guidelines:

The substance is not subject to classification according to EU lists and other sources of literature known to us.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Additional classification according to Decree on Hazardous Materials, Annex II: Not classified.

Classification according to VbF: Not classified.

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57: Not classified SVHC.

Classification WGK (Water hazard classes - Wassergefährdungsklassen):

Wassergefährdungsklasse (WGK) : Not classified (nicht wassergefährdend).

International rules: USA:

Conforms to US TSCA (Toxic Substance Control Act). Substances that are regulated under other federal regulations (ie food additives, drug, cosmetics etc) are not subject to TSCA.

16. Additional information

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.