

Data Sheet according to article 32 EU-Regulation 1907/2006

Commercial Product Name: Palmac 98-16 - Palmac 98-16 /MB

Revision Date: 21.08.2024

Replaces version from: 17.01.2023

Version: 3.0/en

Print date: 27.08.2024

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

ACIDE PALMITIQUE

Commercial Product Name **Palmac 98-16 - Palmac 98-16 /MB**

CAS no. 57-10-3

EC-No. 200-312-9

* REACH registration number 01-2119538235-41



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

* Relevant identified uses Industrial use

Recommended restrictions No information available.

1.3 Details of the supplier of the safety data sheet

* Company designation Berg + Schmidt GmbH & Co. KG
An der Alster 81
20099 Hamburg
Telephone: + 49 (0) 40 / 284 039-11
Email: sds@berg-schmidt.de
Internet: www.solutions.berg-schmidt.de

1.4 Emergency telephone number

* Emergency telephone number +49 (0) 40-284 039-11

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].

2.3 Other hazards

Article 59(1) - endocrine disrupting properties This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

Hazard precautions This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition/information on ingredients

Ingredient

| Ingredient | Numbers | Classification (EC) 1272/2008 | Concentration |
|---------------|---|---|-----------------------------|
| Palmitic acid | CAS No.: 57-10-3 EC-No.: 200-312-9 REACH No.: 01-2119538235-41 | This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]. | >= 50.0 - 100.0 % by weight |

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SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|-------------------------|---|
| General advice | In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove affected person from the danger area and lay down. Change contaminated, saturated clothing. Do not leave affected person unattended. |
| If inhaled | Remove person to fresh air and keep comfortable for breathing. |
| In case of skin contact | After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. |
| In case of eye contact | After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. |
| If swallowed | Do NOT induce vomiting. Rinse mouth. Call a doctor if you feel unwell. |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

4.3 Indication of any immediate medical attention and special treatment needed

| | |
|-----------------------------|------------------------|
| Immediate medical attention | Treat symptomatically. |
|-----------------------------|------------------------|

SECTION 5: Firefighting measures

5.1 Extinguishing media

| | |
|---|--|
| Suitable extinguishing media | Water spray jet Dry extinguishing powder Carbon dioxide (CO ₂) alcohol resistant foam |
| Extinguishing media which must not be used for safety reasons | Full water jet |

5.2 Special hazards arising from the substance or mixture

| | |
|---|--|
| Special exposure hazards arising from the substance or preparation it | In case of fire may be liberated: carbon monoxide Carbon dioxide (CO ₂) Pyrolysis products, toxic |
|---|--|

5.3 Advice for firefighters

| | |
|--|--|
| Special protective equipment for fire-fighting | In case of fire: Wear self-contained breathing apparatus. |
| Additional information on firefighting | Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous. |

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| | |
|----------------------|--|
| Personal precautions | Use personal protection equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Provide for sufficient ventilation, particularly in closed rooms. |
|----------------------|--|

6.2 Environmental precautions

| | |
|---------------------------|---|
| Environmental precautions | Avoid release to the environment. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. |
|---------------------------|---|

6.3 Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for cleaning up | Remove leaked material dry using explosion-proof vacuum cleaner or moistened with a broom and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean contaminated articles and floor according to the environmental legislation. |
|-------------------------|---|

6.4 Reference to other sections

| | |
|-----------------------------|--|
| Reference to other sections | See protective measures under point 7 and 8. Disposal: see section 13 |
|-----------------------------|--|

SECTION 7: Handling and storage

7.1 Precautions for safe handling

| | |
|-------------------------|--|
| Advice on safe handling | It is recommended to design all work processes always so that the following is excluded: Inhalation dermal Eye contact oral Avoid dust formation. Take precautionary measures against static discharges. |
| Precautions | When using do not eat, drink or smoke. Wash hands before breaks and after work. |

7.2 Conditions for safe storage, including any incompatibilities

| | |
|---|--|
| Storage space and container requirements | Keep container tightly closed in a cool, well-ventilated place. Store in a dry place. |
| German storage class | 10-13 |
| Advice on protection against fire and explosion | Usual measures for fire prevention. |

7.3 Specific end use(s)

| | |
|-----------------|---------------------------|
| Specific use(s) | No information available. |
|-----------------|---------------------------|

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

| | |
|---|---|
| Respiratory protection | In case of inadequate ventilation wear respiratory protection. |
| Hand protection | The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. |
| Eye protection | Wear eye glasses with side protection according to EN 166. |
| Skin and body protection | When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. |
| General protective and hygiene measures | Technical measures and the application of suitable work processes have priority over personal protection equipment. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|-------------------|
| Physical state | solid |
| Colour | whitish |
| Odour | characteristic |
| Melting point [°C] / Freezing point [°C] | > 60 |
| Boiling point [°C] | > 300 |
| Flammability (solid, gas) | No data available |
| Explosion limits [Vol-%] | |
| Lower limit | No data available |
| Explosion limits [g/m³] | |
| Lower limit | No data available |
| Flash point [°C] | > 200 |
| Ignition temperature [°C] | No data available |
| Autoignition temperature [°C] | No data available |
| Decomposition temperature [°C] | No data available |
| pH | No data available |
| Viscosity, kinematic [mm²/s] | No data available |
| Viscosity, dynamic [kg/(m*s)] | No data available |
| Solubility | No data available |
| Partition coefficient n-octanol /water (log P O/W) | No data available |
| Vapour pressure [kPa] | No data available |
| Density [g/cm³] | ca. 1.03 |
| Temperature [°C] | 20 |
| Relative density | No data available |

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Relative vapour density (air=1) No data available

particle properties No data available

9.2.1 Information on physical hazard classes

* Other information No data available

9.2.2 Other safety-related parameters

* Other information No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

Chemical stability The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Hazardous reactions No information available.

10.4 Conditions to avoid

Conditions to avoid Avoid high temperatures or direct sunlight.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials

Materials to avoid Keep away from strongly acidic and alkaline materials as well as oxidizers.

10.6 Hazardous decomposition products

Hazardous decomposition products Decomposition products in case of fire: see section 5.

SECTION 11: Toxicological information

11.1 Information on the hazard classes within the meaning of Regulation (EU) No. 1272/2008

Oral toxicity [mg/kg]

Ingredient

| Palmitic acid | | | | | |
|---------------|----------------|--------------|------------------|--------------|--------------|
| Value | Test criterion | Test species | Measuring method | Remarks | Source |
| > 5000 | LD50 | Rat | OECD 401 | Source: ECHA | Company data |

Dermal toxicity [mg/kg] No information available.

Inhalative toxicity [mg/l] No information available.

Irritant effect on skin

Ingredient

| Palmitic acid | | | | |
|---------------|------------------|--------------|---------|--------|
| Value | Measuring method | Test species | Remarks | Source |

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| | | | | |
|---------------|----------|--------|--------------|--------------|
| non-irritant. | OECD 404 | Rabbit | Source: ECHA | Company data |
|---------------|----------|--------|--------------|--------------|

Irritant effect on eyes

Ingredient

| | | | | |
|---------------|------------------|--------------|--------------|--------------|
| Palmitic acid | | | | |
| Value | Measuring method | Test species | Remarks | Source |
| non-irritant. | OECD 405 | Rabbit | Source: ECHA | Company data |

Sensitization

No information available.

Mutagenicity

No information available.

Carcinogenic effects

No information available.

Reproduction toxicity

No information available.

Specific target organ toxicity (single exposure) [mg/kg]

Route of exposure

No information available.

Specific target organ toxicity (repeated exposure) [mg/kg]

Route of exposure

No information available.

11.2 Information about other hazards

Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to humans as it does not meet the criteria set out in section A of Regulation (EU) No 2017/2100.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]

Ingredient

| | | | | | | |
|---------------|----------------|-------------------------|------------------|-----------------------|--------------|--------------|
| Palmitic acid | | | | | | |
| Value | Test criterion | Test species | Measuring method | Exposure duration [h] | Remarks | Source |
| > 1000 | LC50 | Danio rerio (zebrafish) | OECD 203 | 96 | Source: ECHA | Company data |

Toxicity to daphnia [mg/l]

Ingredient

| | | | | | | |
|---------------|----------------|--------------------------------|------------------|-----------------------|--------------|--------------|
| Palmitic acid | | | | | | |
| Value | Test criterion | Test species | Measuring method | Exposure duration [h] | Remarks | Source |
| > 4.8 | EC50 | Daphnia magna (Big water flea) | OECD 202 | 48 | Source: ECHA | Company data |

Toxicity to algae [mg/l]

No information available.

12.2 Persistence and degradability

Biodegradability

Ingredient

| | | |
|----------------|--------------------------------------|--------------|
| Palmitic acid | | |
| Value | Remarks | Source |
| Biodegradable. | BODIS Test (ISO 10708), Source: ECHA | Company data |

12.3 Bioaccumulative potential

Bioaccumulation

No information available.

12.4 Mobility in soil

Mobility

Mobility

No information available.

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Endocrine disrupting properties

Harmful effects on the environment

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7 Other harmful effects

Environmental hazards

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations

Contain and dispose of waste according to local regulations.

Uncleaned empty packaging

Dispose according to legislation.

SECTION 14: Transport information

| | | | |
|---------------------------------|------------------------|-----------------------|-------------------------|
| | Land transport ADR/RID | Marine transport IMDG | Air transport ICAO/IATA |
| 14.1 UN-No | Not applicable. | Not applicable. | Not applicable. |
| 14.3 Transport hazard class(es) | Not applicable. | Not applicable. | Not applicable. |
| 14.4 Packaging group | Not applicable. | Not applicable. | Not applicable. |
| 14.2 Description of the goods | Non dangerous good | Non dangerous good | Non dangerous good |
| 14.5 Environmental hazards | Not applicable. | Not applicable. | Not applicable. |
| UN proper shipping name | Non dangerous good | Non dangerous good | Non dangerous good |

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14.6 Special precautions for user

Precautions No information available.

14.7 Bulk transport by sea according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code No information available.

SECTION 15: Regulatory information

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

Additional regulations No further relevant information available.

15.2 Chemical safety assessment

* Safety assessment For this substance a chemical safety assessment has not been carried out.

16. Other information

* Modifications since last version Modifications of the previous version are denoted with an asterisk (*).

Voluntary safety information following the Safety Data Sheet format according to Regulation (EC) No. 1907/2006 (REACH)

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Modifications of the previous version are denoted with an asterisk (*).