

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: Palmac 99-12 - Palmac 99-12 /MB

Revision Date: 26.06.2024

Replaces version from: 29.12.2022

Version: 4.0/en

Print date: 26.06.2024



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

1.1 Product identifier

ACIDE LAURIQUE

Commercial Product Name **Palmac 99-12 - Palmac 99-12 /MB**

CAS no. 143-07-7

EC-No. 205-582-1

* REACH registration number 01-2119538184-40

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)551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation Eye Dam. 1; H318
(EC) No. 1272/2008

2.2 Label elements

Hazard pictogram



GHS05

Signal word

Danger

Hazardous component(s) to be indicated on label

Lauric acid

H-statement(s)

H318: Causes serious eye damage.

P-statement(s)

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor.

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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

3.1 Substances

Ingredient	Numbers
*Lauric acid	CAS No.: 143-07-7 EC-No.: 205-582-1 REACH No.: 01-2119538184-40

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 (CO2)
alcohol resistant foam

Extinguishing media which must not be used for safety reasons

Full water jet

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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
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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.
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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.
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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.
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6.4 Reference to other sections

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

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 light yellow

Odour characteristic

Melting point [°C] / Freezing point [°C] 42 - 44

Boiling point [°C] 299

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] 160 - 165

* Ignition temperature [°C] No data available

Decomposition temperature [°C] No data available

pH No data available

Viscosity, kinematic [mm²/s] No data available

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Viscosity, dynamic [kg/(m*s)]	0.007
Temperature [°C]	52
Solubility	No data available
Water solubility [g/l]	0.00481
Temperature [°C]	25
Partition coefficient n-octanol /water (log P O/W)	No data available
Vapour pressure [kPa]	No data available
Density [g/cm³]	0.91
Relative density	No data available
* Relative vapour density (air=1)	No data available
* particle properties	No data available

9.2 Other information

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.

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SECTION 11: Toxicological information

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

Oral toxicity [mg/kg]

Hazardous ingredients

Lauric acid				
Value	Test criterion	Test species	Measuring method	Remarks
> 5000	LD50	Rat	OECD 401	Source: ECHA

Dermal toxicity [mg/kg]

No information available.

Inhalative toxicity [mg/l]

No information available.

Irritant effect on skin

Hazardous ingredients

Lauric acid			
Value	Measuring method	Test species	Remarks
non-irritant.	OECD 404	Rabbit	Source: ECHA

Irritant effect on eyes

Hazardous ingredients

Lauric acid			
Value	Measuring method	Test species	Remarks
Irritant	OECD 405	Rabbit	Source: ECHA

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.

Aspiration hazard

experience

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.

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SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]

Hazardous ingredients

Lauric acid					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks
5	LC50	Oryzias latipes	OECD 203	96	Source: ECHA

Toxicity to daphnia [mg/l]

Hazardous ingredients

Lauric acid					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks
3.6	EC50	Daphnia magna	OECD 202	48	Source: ECHA

Toxicity to algae [mg/l]

Hazardous ingredients

Lauric acid					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks
> 7.6	EC50	Pseudokirchneriella subcapitata	OECD 201	72	Source: ECHA

12.2 Persistence and degradability

Biodegradability

Hazardous ingredients

Lauric acid	
Value	Remarks
Readily biodegradable.	OECD 301D, Source: ECHA

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.

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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

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.

SECTION 16: Other information

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

Relevant H-phrases H318: Causes serious eye damage.

Wording of the hazard classes Eye Dam.: Serious eye damage

Classification for mixtures and used evaluation method according to r

Classification	Evaluation
Eye Dam. 1; H318	Calculated

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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.