

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

1.1 Product identifier

ACIDE STEARIQUE TP 50/18

Commercial Product Name **Palmac 50-18 - Palmac 50-18 /MB - Palmac 50-18 /SG**
CAS no. 67701-03-5
EC-No. 266-928-5
* REACH registration number 01-2119543709-29



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: + 40 (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
Fatty acids, C16-18	CAS No.: 67701-03-5 EC-No.: 266-928-5 REACH No.: 01-2119543709-29	This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].	>= 50.0 - 100.0 % by weight

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.
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4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention	Treat symptomatically.
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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
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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.
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.
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

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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]	55 - 62
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]	> 250
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)	5
Vapour pressure [kPa]	No data available
* Density [g/cm³]	0.85
Temperature [°C]	75
Relative density	No data available

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

Fatty acids, C16-18					
Value	Test criterion	Test species	Measuring method	Remarks	Source
> 5000	LD50	Rat	OECD 401	Source: ECHA	Company data

Dermal toxicity [mg/kg]

Ingredient

Fatty acids, C16-18				
Value	Test criterion	Test species	Remarks	Source
> 2000	LD50	Rabbit	Source: ECHA	Company data

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Inhalative toxicity [mg/l]

Ingredient

Fatty acids, C16-18				
Value	Test criterion	Test species	Note	Source
> 0.16	LC50	Rat	Source: ECHA	Company data

Irritant effect on skin

Ingredient

Fatty acids, C16-18				
Value	Measuring method	Test species	Remarks	Source
GHS/CLP criteria are not met.	OECD 404	Rabbit	Source: ECHA	Company data

Irritant effect on eyes

Ingredient

Fatty acids, C16-18			
Value	Test species	Remarks	Source
GHS/CLP criteria are not met.	Rabbit	Source: ECHA	Company data

Sensitization

Ingredient

Fatty acids, C16-18				
Value	Test species	Remarks	Exposure type	Source
GHS/CLP criteria are not met.	Guinea pig	Source: ECHA	Skin	Company data

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

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*Fatty acids, C16-18						
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks	Source
> 1000	LC50	Brachydanio rerio (Zebrafish)	ISO 7346-1	96	Source: ECHA	Company data

*Toxicity to daphnia [mg/l]

Ingredient

*Fatty acids, C16-18						
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]

Ingredient

*Fatty acids, C16-18						
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks	Source
> 0.9	EC50	Pseudokirchneriella subcapitata	OECD 201	72	Source: ECHA	Company data

12.2 Persistence and degradability

Biodegradability

Biodegradable.

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

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.

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