

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

O62500 Stearin

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Revised edition: 15.08.2018

Version: 2.0

Printed: 21.11.2022

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Stearin
Article No.: O62500
UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Industrial application

Uses advised against:
none

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Interlabshop BV
Address: Lage Brink 23, 7317BD Apeldoorn The Netherlands
Tel./Fax.: +31(0)55-5215016
Internet: www.labshop.nl
E-Mail: labshop@labshop.nl
Importer: --

1.4. Emergency No.

Emergency No.: +31(0)55-5215016 (Mon-Fri 8:30 - 17:30)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:
Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

Composition/Information on Ingredients

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3.

3.1. Substance

3.2. Mixture

Chemical Characterization:

Information on Components / Hazardous Ingredients:

Fatty acids, C16-C18; REACH Reg. No. 01-2119543709-29	100 %	CAS-Nr: 67701-03-5 EINECS-Nr: 266-928-5 EC-Nr:
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Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air.

In case of complaints consult a physician.

After skin contact:

Wash off with plenty of water.

If symptoms persist, consult a physician.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes.

Consult physician.

After ingestion:

Rinse mouth with water and drink plenty of water.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, water spray jet.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

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Special hazards:

No special hazards.

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid contact with eyes and skin.

Use respiratory protection.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically.

6.4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation of dust.

Hygienic measures:

Keep away from foodstuffs and drinks.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry room.

Do not store together with: oxidants.

Protect against heat and direct sunlight.

Requirements for storage areas and containers:

Store the product in the original container.

Information on fire and explosion protection:

Avoid accumulation of dust.

Do not store together with ignitable sources, heat and fire.

Storage class:

11; Combustible solids (TRGS 510)

Further Information:

Recommended storage temperature: 5 - 10°C

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7.3. Specific End Use(s)

Further information:

No further information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Fatty acids, C16-C18:

10 mg/kg bw/d (worker, skin contact, long-term exposure (chronic) - systemic effects)

17.63 mg/m³ (worker, inhalation, long-term exposure (chronic) - systemic effects)

2.5 mg/kg/d (consumer, swallowing, long-term exposure (chronic) - systemic effects)

5 mg/kg bw/d (consumer, skin contact, long-term exposure (chronic) - systemic effects)

4.34 mg/m³ (consumer, inhalation, long-term exposure (chronic) - systemic effects)

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Use local exhaust ventilation in case of dust and/or fume formation.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Dust mask.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Nitrile rubber (NBR)

Eye protection:

Safety glasses (EN 166)

Body protection:

Protective clothing.

Environmental precautions:

Prevent from getting into the soil, surface water and sewage

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system.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form:	flakes
Color:	white
Odor:	light
Odor threshold:	no information available
pH-Value:	3 (20°C)
Melting temperature:	66°C
Boiling temperature:	178 - 191°C
Flash point:	> 180°C
Evaporation rate:	No information available.
Flammability (solid, gas):	not available
Upper explosion limit:	no information available
Lower explosion limit:	no information available
Vapor pressure:	< 0.1 hPa (70°C)
Vapor density:	No information available.
Density:	0.845 g/cm ³ (20°C)
Solubility in water:	insoluble
Coefficient of variation (n-Octanol/Water):	not determined
Auto-ignition temperature:	No information available.
Decomposition temperature:	No data available.
Viscosity, dynamic:	11 mPa.s (75°C)
Explosive properties:	not applicable
Oxidizing properties:	no information available
Bulk density:	

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9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

No information available.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

None if handled and stored according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid sources of heat, open fire, sparks and other ignition sources.

Thermal decomposition:

10.5. Incompatible Materials

Oxidizing agents.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

No toxicity expected.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

No information available

Irritant effect on eyes:

No information available.

Inhalation:

No information available.

Ingestion:

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No information available

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard

No information available.

11. 2. Information on other Hazards

No further information available.

12. Ecological Information

12. 1. Aquatic Toxicity

Fish toxicity:

No data available.

Daphnia toxicity:

No information available.

Bacteria toxicity:

no information available

Algae toxicity:

No information available.

12. 2. Persistency and Degradability

No information available.

12. 3. Bioaccumulation

No information available.

12. 4. Mobility

No information available.

12. 5. Results of PBT- und vPvP Assessment

Not applicable.

12. 6. Endocrine Disrupting Properties

Not listed.

12. 7. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

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Further ecological effects:

Do not let product enter waterways or sewage system.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Non contaminated packaging can either be recycled or utilized for energy (incineration).

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

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14.5. Environmental Hazards

Not classified as environmentally hazardous.

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Maritime Transport in Bulk according to IMO Instruments

*Name: Fatty acids (C16+), Type of vessel: 2, Pollution category: Y,
Tank type: 2G*

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

0, not hazardous (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

*EC. REACH, Section XVII, Restrictions on the Manufacture,
Placing on the Market and Use of Certain Dangerous Substances,
Preparations and Articles: not applicable*

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

EC SVHC-List: This product does not contain a substance in the candidate list for substances of very high concern (REACH Regulation (EC) 1907/2006, Article 57)

15.3. Further Information

EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.