

SAFETY DATA SHEET



according to Commission Regulation (EU) 2020/878 as amended

Stearic Acid SA 1820

Creation date	14th November 2024	Version	1.0
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Substance / mixture	Stearic Acid SA 1820
Chemical name	substance
CAS number	Fatty acids, C16-18
EC (EINECS) number	67701-03-5
Registration number	266-928-5
	01-2119543709-29-xxxx

1.2. Relevant identified uses of the substance or mixture and uses advised against Substance's intended use

As needed. For professional use only. The product is not intended for private use or for use in the household.

Substance uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Importer

Name or trade name	Paraffinum, UAB
Address	Biochemikų g. 3, Kėdainiai, LT-57234 Lithuania
Phone	+370 612 95000
Email	info@paraffinum.com

Competent person responsible for the safety data sheet

Name	Paraffinum, UAB
Email	info@paraffinum.com

1.4. Emergency telephone number

Belgium: Antigif Centrum Centre Antipoisons, Tel. No.: +32 070 245 245
Bulgaria: National Toxicology Centre, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov", Tel. No.: +359 2 9154 233
Cyprus: Cyprus Poison Center, Tel. No.: 1401
Croatia: Poison Control Centre, Tel. No.: +385 1 234 8342
Czech Republic: Toxicological Information Centre, Tel. No.: +420 224 919 293 / +420 224 915 402
Denmark: Danish Poison Center (Giftlinjen), Tel. No.: +45 82 12 12 12
Greece: Poison Information Centre, Tel. No.: +30 0030 2107793777
Estonia: Poisoning information centre, Tel. No.: 16662, calls from abroad Tel. No.: +372 7943 794
Finland: Poison Information Centre, Tel. No.: +358 09 471 977 or 0800 147 111
France: ORFILA (INERIS), Tel. No.: +33 (0) 1 45 42 59 59
Hungary: Health Toxicological Information Service, Tel. No.: +36 80 20 11 99
Italy: Hosp. Niguarda Ca 'Granda - Milan, Tel. No.: +39 02 66101029; CAV National Toxicological Information Center - Pavia, Tel. No.: +39 038224444
Latvia: Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs, Tel. No.: +371 670 42473
Lithuania: The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB), Tel. No.: +370 5 236 20 52
Luxembourg: Belgian Poison Center, Tel. No.: +352 8002 5500
Malta: Tel. No.: 112 (available 24/7); Tel. No.: 1774 Malta National Poisons Centre helpline (08:00-20:00 everyday).
Netherlands: National Poisons Information Centre (NVIC). Only for the purpose of informing medical personnel in case of acute intoxications, Tel. No.: +31 (0) 88 755 8000
Norway: Norwegian Poisons Information Centre, Tel. No.: +47 22 59 13 00
Portugal: Poisons Information Centre, Tel. No.: +351 800 250 250
Poland: Poisoning information centre - Emergency phone Tel. No.: +48 58 682 04 04
Romania: Clinica ATI II Toxicologie Clinică, Tel. No.: +40 021 599 23 00

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Slovenia: The uniform telephone number for emergency calls, Tel. No.: 112
Slovakia: National Toxicological Information Centre (NTIC), Tel. No.: +421 2 5477 4166
Spain: Toxicology Information Service, Tel. No.: +34 91 562 04 20
Sweden: Emergency telephone number 112 – ask for Poisons Information (in Swedish: – begär Giftinformation)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the substance in accordance with Regulation (EC) No 1272/2008

The substance is not classified as dangerous according to Regulation (EC) No 1272/2008.

2.2. Label elements

Signal word

None.

2.3. Other hazards

The substance does not have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Substance does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

The substance specified below.

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 67701-03-5 EC: 266-928-5 Registration number: 01-2119543709-29- XXXX	substance main component Fatty acids, C16-18	≤100	not classified as dangerous	

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes. Brush off loose particles from skin. Rinse skin with water or shower.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

4.2. Most important symptoms and effects, both acute and delayed

If inhaled

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Not expected.

If on skin

Not expected.

If in eyes

Not expected.

If swallowed

Not expected.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

None.

8.2. Exposure controls

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Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

When handling in long-term or repeatedly, use protective gloves.

Respiratory protection

Mask with a filter in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid
Colour	data not available
Odour	data not available
Melting point/freezing point	54-57 °C
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	not applicable
Flash point	196 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	not applicable
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	not applicable
Density and/or relative density	data not available
Density	0.84 g/cm ³
Relative vapour density	1 mm Hg at 174 °C
Particle characteristics	data not available
Form	solid: particulate/powder, flakes, beads

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

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The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the substance.

Acute toxicity

Based on available data the classification criteria are not met.

Fatty acids, C16-18							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD ₅₀	OECD 401	>5000 mg/kg bw		Rat	F/M	ECHA
Inhalation (vapor)	LC ₅₀		>0.162 mg/l of air	4 hours	Rat	F/M	ECHA
Dermal	LD ₅₀	OECD 434	>2000 mg/kg bw		Rabbit	F/M	ECHA

Skin corrosion/irritation

No data available for the substance. Based on available data the classification criteria are not met.

Serious eye damage/irritation

No data available for the substance. Based on available data the classification criteria are not met.

Respiratory or skin sensitisation

No data available for the substance. Based on available data the classification criteria are not met.

Germ cell mutagenicity

No data available for the substance. Based on available data the classification criteria are not met.

Carcinogenicity

No data available for the substance. Based on available data the classification criteria are not met.

Reproductive toxicity

No data available for the substance. Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

No data available for the substance. Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

No data available for the substance. Based on available data the classification criteria are not met.

Aspiration hazard

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No data available for the substance. Based on available data the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

Based on available data the classification criteria are not met. Does not contain any components that may cause endocrine disruption for humans.

Other information

Not available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data the classification criteria are not met.

Acute toxicity

Fatty acids, C16-18						
Parameter	Method	Value	Exposure time	Species	Environment	Source
LC ₅₀	OECD 203	>1000 mg/l	48 hours	Fish (Leuciscus idus)		ECHA
EC ₅₀	OECD 202	>4.8 mg/l	48 hours	Invertebrates (Daphnia magna)		ECHA
NOEC	OECD 211	>0.22 mg/l	21 days	Invertebrates (Daphnia magna)		ECHA
EC ₅₀	OECD 201	>0.9 mg/l	72 hours	Algae (Raphidocelis subcapitata)		ECHA

Chronic toxicity

Fatty acids, C16-18						
Parameter	Method	Value	Exposure time	Species	Environment	Source
NOEC	OECD 211	>0.22 mg/l	21 days	Invertebrates (Daphnia magna)		ECHA

12.2. Persistence and degradability

No data available for the substance.

12.3. Bioaccumulative potential

No data available for the substance.

12.4. Mobility in soil

Based on available data the classification criteria are not met. Does not contain any PMT or vPvM components.

12.5. Results of PBT and vPvB assessment

Based on available data the classification criteria are not met. Does not contain any PBT or vPvB components.

12.6. Endocrine disrupting properties

Based on available data the classification criteria are not met. Does not contain any components that may cause endocrine disruption in the environment.

12.7. Other adverse effects

Not available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. - Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

SECTION 14: Transport information

14.1. UN number or ID number

Not subject to transport regulations.

14.2. UN proper shipping name

Not relevant.

14.3. Transport hazard class(es)

Not relevant.

14.4. Packing group

not relevant

14.5. Environmental hazards

Not relevant.

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

SECTION 15: Regulatory information

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

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Other important information about human health protection

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The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	Agreement concerning the international carriage of dangerous goods by road
AGW	Occupational Exposure Limits
AK	Acceptable exposure limit
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC ₅₀	Concentration of a substance when it is affected 50 % of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
log K _{ow}	Octanol-water partition coefficient
MAK	Maximum workplace concentration
MK	Maximum concentration
NDS	Maximum admissible concentration
NDSCh	Maximum admissible short-term concentration
NOEC	No observed effect concentration
NPEL	The highest acceptable exposure limit
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PEL	Permissible Exposure Limit
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials

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VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

Not available.

Information about data sources used to compile the Safety Data Sheet

The ECHA database on registered substances and the ECHA classification and labelling inventory. GESTIS - the Information system on hazardous substances of the German Social Accident Insurance. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers. eChemPortal - the Global Portal to Information on Chemical Substances.

More information

Classification procedure - calculation method.

Statement

The data contained in this Safety Data Sheet must be available to anyone whose work is related to the product. The data corresponds to the current state of knowledge, national and EU legislation. The information provided indicates the safety requirements for the use of this product, but does not disclose other specific product features. The information is correct to the best of our knowledge at the date of preparation of the product Safety Data Sheet. This is not a specification sheet and any data provided should not be considered a specification. The information in this product Safety Data Sheet has been obtained from sources we believe to be reliable. Certain information and conclusions in this document are derived from sources other than direct data from tests or research on the product itself. The recipient of the product is responsible for compliance with applicable laws regarding handling, storage, use and disposal. If the product is used as a component in another product, the information in this product's Safety Data Sheet may not be valid.