

SDS FOR SODIUM LAUROYL SARCOSINATE



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SAFETY DATA SHEET (SDS) DATED 02/06/2021

Batch Number: FRAMECPSR

SECTION 1: IDENTIFICATION OF PRODUCT AND SUPPLIER

Product Name: Sodium Lauroyl Sarcosinate
Product Number: 5060330638156
Brand: Ekokoza Supplier: Ekokoza s.r.o.
Fryčovice 297 73945, Fryčovice
IČ: 07508247 eshop@ekokoza.cz,
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24hod/
denně) Toxikologické informační středisko, Na Bojišti 1, 128 08
Praha2)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

Warning, Acute Tox. 4, Harmful if inhaled. Warning, Eye Irrit. 2, Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:



Warning

Hazard statements:

H332 Harmful if inhaled.

H319 Causes serious eye irritation.

Precautionary statements:

P264 Wash hands and exposed parts thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/ doctor/if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/attention. Special Provisions: None Special provisions according to Annex XVII of REACH and subsequent amendments: None 2.3. Other hazards vPvB Substances: None - PBT Substances: None Other Hazards: No other hazards

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Inci: Sodium Lauroyl Sarcosinate
Cas: 137-16-6
Einecs: 205-281-5

3.1 Substances

N/A

3.2 Mixtures

Product Type and Use: Surfactant, detergent, for the production of toiletries.

Hazardous components within the meaning of CLP regulation and related classification

Qty	Name	Ident. Number	Classification
>=25% - <30%	Sodium Lauroyl Sarcosinate	CAS: 137-16-6 EC: 205-281-5 REACH No.: 01-2119527780-39	3.1/2/ Inhal Acute Tox.2 H300 3.2/2 Skin Irrit. 2 H315 3.3/1 Eye Dam. 1 H318

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water. In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration. In case of inhalation, consult a doctor immediately and show him packing or label.

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

None

4.3. Indication of any immediate medical attention and special treatment needed In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment: None

SECTION 5: FIRE - FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water. Carbon dioxide (CO2). Extinguishing media which must not be used for safety reasons: None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases. Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation. Use appropriate respiratory protection. See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working. See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage recommended at room temperature

Keep away from food, drink and feed.

Incompatible materials: None in particular.

Instructions as regards storage premises: Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

SODIUM LAUROYL SARCOSINATE - CAS: 137-16-6

Worker Industry: 70.53 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 20 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 10 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 17.39 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

SODIUM LAUROYL SARCOSINATE

Target: Fresh Water - Value: 0.0297 mg/l

Target: Marine water - Value: 0.003 mg/l

Target: 10 - Value: 0.297 mg/l 8.2.

Exposure controls

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Hand protection: Chemical resistant protective gloves (EN 374) Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374)

Respiratory protection:

Suitable respiratory protection for higher concentrations or long-term effect: Particle filter with medium /high efficiency for solid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: PHYSICAL DATA AND CHEMICAL PROPERTIES

Properties	Value	Method	
Appearance and colour	Clear Liquid Yellowish	--	--
Odour	Characteristic	--	--
Odour Threshold	Characteristic	--	--
pH	9.5 - 11	--	--
Melting Point	< 0 degrees C	--	--
Initial boiling point and boiling range	> 100 degrees C	--	--
Flash Point	> 100 degrees C	--	--
Evaporation Rate:	N.A.	--	--
Solid / gas flammability			

SECTION 10: STABILITY & REACTIVITY

10.1 Reactivity

Reacts with Strong oxidising agents and acids

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known

10.4 Conditions to avoid

High temperatures

10.5 Incompatible materials

Strong oxidising agents. Strong acids

10.6 Hazardous Decomposition Product(s)

None known

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

(Fish) (96hrs): NOEC > 0.4mg/l (> limit of solubility)(Stearyl alcohol)

(Daphnia magna) (48hrs): EC50 > 0.01 mg/L (> limit of solubility)(Cetyl alcohol)

(Algae) (72hrs): EC50 > 0.01 mg/l (> limit of solubility)(Cetyl alcohol)

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential (96 hrs)

The product has moderate potential for bioaccumulation.

12.4 Mobility in soil

This product is predicted to degrade in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

None recorded

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Material to be disposed of as hazardous waste. Normal disposal is via incineration operated by an accredited disposal contractor. Consult an accredited waste disposal contractor or the local authority for advice.

13.2 Additional Information

None

SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID)

UN number: Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

14.2 Sea transport (IMDG)

UN number: Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

14.3 Air transport (ICAO/IATA)

UN number: Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations: EC Standards 82/242 and 82/243/EEC (Detergents) : This product is > 90% biodegradable in water.

15.1.2 National regulations: None assigned

15.2 Chemical Safety Assessment: No Chemical Safety Assessment (CSA) has been carried out

SECTION 16: OTHER INFORMATION

References:

European Chemicals Agency

European Chemicals Bureau

European Regulations and Directives

Published chemical directories

Suppliers' safety data sheets

UK Health and Safety Executive

US Environmental Protection Agency

Risk Phrases

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

Safety Phrases

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye/face protection.

Hazard statement(s)

H315: Causes skin irritation.

H318: Causes serious eye damage.

Precautionary statement(s)

P262: Do not get in eyes, on skin, or on clothing.

P280: Wear protective gloves/protective clothing/eye protection/face 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.

GMO Declaration

We declare that at present all our registered and commercially available ingredients, extracts, oils, plants and skincare products are derived by traditional plant breeding methods. We do not have any ingredient, extract, oil or skincare product from genetically modified material

To the best of our knowledge, the information contained in the sheet is correct. However, we cannot accept responsibility for any consequences from its use.

Animal Testing Declaration

WE DO NOT TEST ANY OF OUR PRODUCTS ON ANIMALS AND NEVER HAVE, WE PREFER TO RELY ON OUR KNOWLEDGE OF ESSENTIAL OILS, INGREDIENTS, PLANTS, FLOWERS AND ESTABLISHED TECHNICAL INFORMATION AND PROFESSIONALS TO ENSURE EFFECTIVE AND SAFE PRODUCTS.

We believe there is already a "safe" and known group of product ingredients used in the cosmetics industry which leave enough scope to be creative and innovative in product formulation without the need for anymore animal testing on new experimental ingredients.

Our suppliers each also agree to not to carry out animal testing on the products and ingredients we purchase. We have a self-imposed cut-off date of 2006 (this was the date our cosmetic formulations came into being) although in reality our suppliers normally have animal testing dates far in excess of this or have never tested at all.

We do not conduct any form of animal testing.

We do not commission any form of animal testing from a third party.

We operate a fixed cut-off date for animal testing and ingredients, which means we will not use any ingredient that has been tested or retested on animals for cosmetics purposes since January 1, 2006

If we find that a company is involved in animal testing in anyway that purchases from us, then we will cease supply immediately. It is a term and condition that by purchasing from Naturallythinking you will not involve yourself or your company in any form of Animal Testing, any violation of this will be dealt with as per any violation of our terms and conditions

