

SAFETY DATA SHEET

Preparation Date : 18.12.2020
 Revision No./Date : 00 / -
 Date of issue : 21.12.2020
 Regulation on Preparation of Safety Data Sheets Regarding Hazardous Substances and Mixtures (Official Gazette No 13.12.2014-29204), 1907/2006 EC Reach was prepared in accordance with

SOFTAN SLR FLAKE

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name : SOFTAN SLR FLAKE

1.2 Relevant identified uses of the substance or mixture and uses advised against
 Textile Finishing Industry, Cationic Flake Softener

1.3 Details of the supplier of the safety data sheet

COMPANY : KAAAN ENDÜSTRİ MÜHENDİSLİK SAN. VE TİC. LTD.
 IDENTIFICATION : Ömerli Mah. Tunaboyu Sok. Elektro 2000 San. Sit.
 A Blok No: 8 – 9, 34555, Hadımköy, İstanbul, Turkey
 Telephone: +90 212 283 05 33
 Fax: +90 212 283 87 48

1.4 Emergency telephone number

Emergency Call Center / 112



National Poison Solidarity Center / 114



2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture (CLP / GHS) Regulation (EC) No. In accordance with 1272/2008;

Skin Irritation 2	H315
Eye Damage 1	H318

2.2 Label elements (CLP / GHS) Regulation (EC) No. In accordance with 1272/2008;

Hazard pictograms :



Signal word : Danger

Hazard statements	H315	Causes skin irritation.
	H318	Causes serious eye damage

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Precautionary statements	P264	Wash skin thoroughly after handling.
	P280	Wear protective gloves/ eye protection/ face protection.
	P362	Take off contaminated clothing and wash before reuse.
	P310	Call the POISON CENTER or doctor / physician immediately.
	P302 + P352	IF ON SKIN: Wash with plenty of water.
	P305 + P351 + P338	IF IN EYE CONTACT: Rinse carefully with water for a few minutes . Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

No specific dangers known, if the regulations/notes for storage and handling are considered.

3.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Fatty acid condensation product

Component	CAS No.	Conc. (%)	Classification
Amides, from diethylenetriamine and stearic acid	92201-27-9	99	Skin Irritation 2 H315
			Eye Irritation 2 H319
			Eye Damage 1 H318

4. FIRST AID MEASURES

4.1 Description of first aid measures;

After Inhalation

Upon inhalation of aerosol / vapour /dust : Take the patient into the fresh air ; if there is difficulty in breathing, medical advice is required.



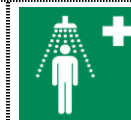
After Contact With Skin

Cleansing with plenty of water, soap or other non-irritating cleansing agents.



After Contact With Eyes

Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids help open. A doctor (or eyes specialist) should be consulted immediately.



After Ingestion

If the product is swallowed, the patient must at once drink water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.





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4.2 Most important symptoms and effects, both acute and delayed
Symptoms and effects are as expected from the hazards shown in Section 2.

4.3 Indication of any immediate medical attention and special treatment needed
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. FIRE-FIGHTING MEASURES

5.1 Fire extinguishers

Suitable extinguishing media : Carbon dioxide (CO₂), foam, dry chemical.
Unsuitable extinguishing media : Water may not be effective.

5.2 Special hazards arising from the substance or mixture

During decomposition, carbon dioxide and carbon monoxide are released.

5.3 Advice for firefighters

Fire residues and contaminated fire extinguishing water should be disposed of in accordance with local legislation. Use fire extinguishing methods suitable for local conditions and environment. Use water spray for cooling unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.. If safe to do, remove undamaged containers from the fire area. Clear the area. In case of fire use full mask with oxygen cylinder. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures;

- Use personal protective equipment.
- Avoid breathing vapors, mists or gases.
- Provide adequate ventilation.
- There is a slipping hazard due to leakage / spillage of the product.

6.2 Environmental measures

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

6.4 Reference to other sections

- See Section 8 for personal protective equipment.
- For waste disposal, see Section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling;

- Use personal protective equipment.

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- Avoid contact with skin and eyes.
- Avoid inhalation of vapor or dust.
- Wash hands thoroughly with water after handling.
- Keep away from ignition objects. Do not smoke.
- Ensure that the work area is well ventilated.
- Valid precautionary measures should be observed when working with chemicals.

7.2 Conditions for safe storage, including any incompatibilities;

- Keep it in its original packaging.
- Keep container tightly closed in a dry and well-ventilated place.
- Protect from heat and sunlight.
- It should be stored in accordance with the storage matrix.

7.3 Specific end use(s)

Other than the use described in section 1.2, no use is recommended.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

8.2.1 Appropriate engineering controls;

Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Wear the following personal protective equipment: Safety goggles. Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc). Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

8.2.2 Personal protective equipment;



8.2.3 Environmental exposure controls;

Take attention for not to drain the product to waterways, sewage and soil.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Solid (Flake)
Colour	Yellowish
Odour	Characteristic



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pH	5.0 ± 1.0
Freezing Point	No data available
Boiling Point	Not specified
Flash Point	No data available
Vapour Pressure	Not specified
Density	No data available
Viscosity	No data available
Solubility	It is soluble in water at 70 - 80 °C.
Partition coefficient (n-octanol/water)	No data available
Flammability	No data available
Autoignition Temperature	No data available
Oxidizing Properties	Not applicable

9.2 Other informations
 No data available.

10. STABILITY AND REACTIVITY

Reactivity	The product does not react in any way if it is stored correctly in its original packaging.
Chemical stability	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to instructions.
Conditions to avoid	When used according to specifications, there is no degradation.
Incompatible materials	Strong acid and oxidizing agents.
Hazardous decomposition products	Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Data on toxicology have not been specifically determined.
 The information given in this section refers to the information on the ingredients and similar materials.

Acute Toxicity	LD50 Oral	> 2.000 mg/kg bw (Rat) (OECD Guideline 423)
	LD50 Skin	> 2.000 mg/kg bw (Rat) (OECD Guideline 402)
Skin irritation	Short-term contact may cause skin irritation and localized redness	
Eye Damage	May cause eye irritation.	
	May cause mild corneal injury.	
After Inhalation	It has no application.	
Sensitisation	There is no sensitizing effect known.	

12. ECOLOGICAL INFORMATION

12.1 Toxicity
 Data on ecotoxicity have not been specifically determined.
 The information given in this section refers to the information on the ingredients and the ecotoxicity of similar substances.



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Toxicity to Fish	LC50 > 100 mg/l (96 h) (OECD Guideline 203)
Daphnia and Other Aquatic Invertebrates	EC 50 > 100 mg/l (48 h) (OECD Guideline 202)
Toxicity to Aquatic Plants	EC 50 > 10-100 mg/l (72 h) (OECD Guideline 201)

12.2 Persistence and degradability

The product is biodegradable in nature according to OECD criteria.

Elimination information: : > 34% (28 d) (OECD 303A)
> 73% (56 d) (OECD 301B; ISO 9439; 92/69 / EEC, C.4-C)

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product disposal

Product that cannot be re-used or chemically reprocessed. It should dispose of at an approved facility in accordance with applicable governmental laws and regulations.

Packaging disposal

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

14. TRANSPORT INFORMATION

ADR / RID, IATA / ICAO, IMDG / IMO	Not classified as a dangerous good under transport regulations
UN Number	Not applicable.
UN proper shipping name	Not regulated for transport
Transport hazard class(es)	Not applicable.
Packing group	Not applicable
Environmental hazards	Not considered environmentally hazardous based on available data.
Special precautions for user	Not applicable

15. REGULATORY INFORMATION

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

This document has been prepared in accordance with the "Regulation on Preparation of Safety Data Sheets for Harmful Substances and Mixtures (Official Journal no. 13.12.2014-29204) and EC Reach 1907/2006".



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16. OTHER INFORMATION

Abbreviations

EC	European Community number
CAS	Chemical Abstracts Service
GHS	Globally Harmonized System
SDS	Safety Data Sheet
UN	United Nations
TWA	Time weighted average
STEL	Short Term Exposure Limit
PBT	Persistent, bioaccumulative, Toxic
vPvB	Very persistent, very bioaccumulative
BCF	Bioconcentration factor
ADR	European Agreement concerning international carriage of Dangerous goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
IATA	International Air Transport Association
LC50	Lethal Concentration to 50 % of a test population
LD50	Lethal Dose to 50% of a test population

Hazard statements	H315	Causes skin irritation.
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.

Prepared ;

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This data is based on our current knowledge. It does not constitute a guarantee regarding the specific properties of the product and it is not a legally valid contract.