

Syntron Industries Pvt.Ltd.

Material Safety Data Sheet

Version No.- 01

Revision Date : 01 July 2022

SECTION I- PRODUCT IDENTIFICATION

PRODUCT: Sarcotron (L).
(Sodium Lauroyl Sarcosinate)

PRODUCT CODE : SCT - 1001

GENRAL USE: **SARCOTRON [L]** is an extremely Sulfate-free anionic surfactant, With high foam-ability and aiding foam stability. Can be used in clear formulations and is stable over a wide pH range. Ideal cosurfactant. It can reach excellent synergistic effect when combined with other surfactants, meanwhile reduce irritation and improve foam-ability. It's widely used in facial cleanser and other personal care products, enzyme inhibitor in oral care products and metal anti-corrosion additive in metal working fluids and lubricants.

MANUFACTURER NAME: Syntron Industries Pvt. Ltd.

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FORMULATION DATE: -----

SECTION II- COMPOSITION AND INFORMATION ON INGREDIENTS

S. No.	CHEMICAL	CAS NO.	COMPOSITION
1.	Sodium lauroyl sarcosinate	137-16-6	> 95 %

SECTION III- HAZARD IDENTIFICATION

GHS label Elements --- Pictograms :--



Exclamation Mark

Single Word:

Warning

Health Hazard :

Skin corrosion irritation

Category 2

Eye damage / irritation

Category 2

Hazard Statement

Cause skin irritation

Cause serious eye irritation.

Precautionary Statements :

Prevention :

Wash thoroughly after handling. Wear protective gloves / eye

protection / face protection. Wear eye protection / face protection.

Response :

If in Eyes : Promptly wash eyes with plenty of water lifting the eyelids.

Continue to rinse for at least 15 min. Get medical attention.

If on skin wash the skin immediately with soap water. Get medical attention.

Physical Hazards Not:

None

Otherwise Classified

Health Hazards Not :

None

Otherwise Classified

<p>SECTION IV- FIRST AID MEASURES</p>
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GENERAL:

Immediately remove contaminated clothing. Rinse with water.

EYES:

Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

SKIN:

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

INHALATION:

Move individual to fresh air.

INGESTION:

Do not induce vomiting unless directed by a physician. Thoroughly clean the mouth with water.

Suitable and unsuitable extinguishing media

SECTION V- FIRE-FIGHTING MEASURES

- a. Suitable Extinguishing Media: Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO₂).
- b. Unsuitable Extinguishing Media: Do not use water jet as an extinguisher , as this will spread the fire.
- c. General fire hazards: No unusual fire or explosion hazards noted.
Wear self contained breathing apparatus and protective clothing must be worn in case of fire.
- d. Special Precautions:

SECTION VI- ACCIDENTAL RELEASE MEASURES

Personal precaution , protective equipment: Keep unnecessary personnel away. equipment.

And emergency procedures Wear suitable protective equipment Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods and materials for containment and cleaning up. Large spills: Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reported to local, state or provincial authorities.

Small Spills: Wipe up with absorbent material, sand. Clean surface thoroughly to remove residual contamination.

Environmental Precaution: Avoid release to the environment Prevent entry into waterways, sewers, basements or confined area

SECTION VII- HANDLING AND STORAGE

WORK PRACTICES AND HYGIENE: PRACTICES	Use personal protective equipment appropriate for the task and avoid spills.
STORING AND HANDLING PRACTICES:	Keep containers tightly closed , store in cool and dry place away from sun rays. Store at moderate temperatures and well ventilated place. Store below 30°C .
PROTECTIVE PRACTICES DURING: MAINTENANCE OF CONTAMINATE EQUIPMENT	Use personal protective equipment when contact with the product.

SECTION VIII- EXPOSURE CONTROLS - PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Use with adequate ventilation.
VENTILATION	LOCAL: Recommended MECHANICAL: Not required
PROTECTIVE GLOVES:	Protective gloves should be used if there is a risk of direct contact or splash.
EYE PROTECTION:	Wear approved chemical safety goggles where eye exposure is reasonably probable. None required under normal use.
Hygiene measure:	Do not eat, drink or smoke when working. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.
OTHER PROTECTIVE EQUIPMENT:	None

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance Form:	powder
Colour:	white
b) Odour	No data available
c) Odour Threshold	No data available
d) pH	7.0 - 9 at 293 g/l at 25 °C
e) Melting point/freezing point	146.1 °C
f) Initial boiling point and boiling range	350 - 410 °C
g) Flash point	267 °C - closed cup
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	0.02 mbar at 20 °C
l) Vapour density	No data available
m) Relative density	1.141 g/cm ³ at 20 °C
n) Water solubility	293 g/l at 20 °C - completely soluble
o) Partition coefficient:	n- octanol/water
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available
Other Information	
Bulk density	400 kg/m ³
Molecular Wt.	293.4

SECTION X – REACTIVITY DATA

REACTIVITY:	Stable in room temperature
STABILITY:	Stable under normal ambient temperature and condition.
INCOMPATIBILITY:	Strong acid & Oxidizing agent.
CONDITIONS TO AVOID:	Keep away from heat , spark & flame..
HAZARDOUS DECOMPOSITION PRODUCT:	No hazardous decomposition products are known

SECTION XI – TOXICOLOGICAL INFORMATION

- | | |
|---------------------------|---|
| a. Routes of Exposure | Eye : Irritant
Skin : Irritant
Inhalation: Unknown
Ingestion: Unknown |
| b. Acute Oral Toxicity: | LD50 Rabbit: >2,000mg/kg c. |
| c. Acute Dermal Toxicity: | LD50 Rat: >2,000 mg/kg c. |
| d. Exposure Effects: | N/A |
| d. Exposure Symptoms: | Irritation to skin and eyes |
| e. Carcinogenicity: | Carcinogenicity - This chemical is not considered to be carcinogenic by NTP, IARC, or OSHA. |

SECTION XII – ECOTOXICOLOGICAL INFORMATION

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|---------------------------------|-------------------------------------|
| a. Eco toxicity Data: | N/A |
| b. Persistence and Degradation: | Biodegradable |
| c. Bio accumulative Potential: | No Information Available |
| d. Environment assessment: | Not classified due to lack of data. |

SECTION XIII – Disposal considerations

- | | |
|--------------------------------|---|
| WASTE FROM RESIDUES / : | Disposal of according to National , state & local |
| UNUSED PRODUCTS | law applicable regulations |

SECTION XIV - TRANSPORTATION INFORMATION

National & International Regulations :-

Land :-

Not regulated as a dangerous good

Sea:

IMDG – International maritime dangerous good

Not regulated as a dangerous good

Air :

IATA – International Air Transport Association

Dangerous Goods Regulation (DGR) –

Not regulated as a dangerous good

SECTION XV – REGULATORY INFORMATION
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National Regulations --

No additional information available
Chemical safety assessment -- No additional information available

SECTION XVI – OTHER INFORMATION
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INTERNATIONAL INVENTORIES AT CAS #LEVEL

DOT – Department of Transportation.
IATA – International Air Traffic Association.
IMDG – International Maritime Dangerous goods.
CAS – Chemical Abstract Service.

Application :- Sarcotron (L) is an extremely Sulfate-free anionic surfactant, with high foam-ability and aiding foam stability. Can be used in clear formulations and is stable over a wide pH range. Ideal cosurfactant. It can reach excellent synergistic effect when combined with other surfactants, meanwhile reduce irritation and improve foam-ability. It's widely used in facial cleanser and other personal care products, enzyme inhibitor in oral care products and metal anti-corrosion additive in metal working fluids and lubricants.

Packing :-

1. Liquid : Available in 20.0 Kg Bag

MSDS PREPARED BY:
REASON FOR REVISION:

Syntron Industries Pvt.Ltd.
Not applicable

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PREPARED BY: Syntron Industries Pvt. Ltd.