



SAFETY DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT NAME: Sodium Lauroylsarcosinate
CAS #: 137-16-6
Manufacturer's Name: CHEM-IS-TRY, INC.
Address: 160-4 LIBERTY ST.
METUCHEN, NJ 08840
Telephone #: (732) 372- 7311 Secondary Telephone No: CHEMTREC
FAX #: (732) 372- 7312 (800) 424-9300
24 Hours a Day

Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Laboratory chemicals, manufacture of substances

SECTION II - HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Inhalation (Category 2), H330

Skin irritation (Category 2), H315

Serious eye damage (Category 1), H318

For the full text of the H-Statements mentioned in this Section, see Section XVI.

GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.

Precautionary statement(s)

P280 Wear eye protection/ face protection and protective gloves.

P304 + P340 + P310

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Hazards not otherwise classified (HNOC) or not covered by GHS – None.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Formula: $\text{CH}_3(\text{CH}_2)_{10}\text{CON}(\text{CH}_3)\text{CH}_2\text{COONa}$

Molecular Weight: 293,40 g/mol

CAS-No.: 137-16-6

Hazardous components

Component	Classification	Concentration
Sodium N-lauroylsarcosinate	Acute Tox. 2; Skin Irrit. 2; Eye Dam. 1; H330, H315, H318	>30%
Water	Concentration limits: 1 - 30 %: Eye Irrit. 2, H319; > 30 %: Skin Irrit. 2, H315; > 30 - 100 %: Eye Dam. 1, H318; <= 34,5 %: Acute Tox. 4, H332; > 34,5 %: Acute Tox. 2, H330;	<70%

For the full text of the H-Statements mentioned in this Section, see Section XVI.

SECTION IV - FIRST AID MEASURES

Description of first aid measures

General advice, Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled, If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact, wash off with soap and plenty of water. Consult a physician.

In case of eye contact, Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed.

The most important known symptoms and effects are described in the labelling (see section II) and/or in section XI

Indication of any immediate medical attention and special treatment needed

No data available

SECTION V - FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x)

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Avoid breathing dust.

For personal protection see section VIII.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Soak up with inert absorbent material and dispose of as hazardous waste.

Reference to other sections

For disposal see section XIII.

SECTION VII - HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section II.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)

Apart from the uses mentioned in section I, no other specific uses are stipulated

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

a) Appearance:	Form: Liquid Color: Colorless to light yellow liquid
b) Odor:	No data available
c) Odor Threshold:	No data available
d) pH:	No data available
e) Melting point/freezing point:	294.8° (146.0°)

f) Initial boiling point and boiling range:	662.0° (350.0°)
g) Flash point:	> 199.4° (93.0°)
h) Evaporation rate:	No data available
i) Flammability (solid, gas):	None
j) Upper/lower flammability or explosive limits:	No data available
k) Vapor pressure:	0.0200000
l) Vapor density:	No data available
m) Relative density:	1.1410000
n) Water solubility:	soluble
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature:	No data available
q) Decomposition temperature:	No data available
r) Viscosity:	447.0000000
s) Explosive properties:	No data available
t) Oxidizing properties:	No data available

Other safety information

No data available

SECTION X - STABILITY AND REACTIVITY

Reactivity

Stable under normal temperatures and pressures.

Chemical stability

Stable under normal temperatures and pressures.

Possibility of hazardous reactions

No data available

Conditions to avoid

N/A

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Carbon oxides, nitrogen oxides.

In the event of fire: see section V

SECTION XI - TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

No data available

Dermal: No data available No data available

Skin corrosion/irritation:

No data available

Serious eye damage/eye irritation:

No data available

Respiratory or skin sensitization:

No data available

Germ cell mutagenicity:

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

RTECS: Not available

SECTION XII - ECOLOGICAL INFORMATION

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location.

SECTION XIV - TRANSPORT INFORMATION

Proper shipping name

Metallic soaps of fatty acids

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION XV - REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute health hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

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New Jersey Right To Know Components

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Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION XVI - OTHER INFORMATION

See full text of H-Statements under sections II and III.

Eye Irrit.	Eye irritation
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	
Flammability:	1
Physical Hazard	0

NFPA Rating

Health hazard:	0
Fire Hazard:	1
Reactivity Hazard:	0

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