

1 - PRODUCT AND COMPANY IDENTIFICATION

Chemical name:	Sodium Stearate	Supplier:	Corporación Sierra Madre, SA de CV
Synonymous:	Sodium Octadecanoate	Address:	Carretera a García, km 8.5
Grade:	Octadecanoic acid sodium salt		García, Nuevo León
	-		MEXICO
Use:	Rubber Additive.		
Chemical formula:	NaOOC(CH ₂) _n CH ₃ n = 12, 14, 16	Phone:	+52 (81) 8345-4024
CAS Nr.:	822-16-2	E-mail:	csm@corpsierramadre.com
EINECS Nr.:	212-490-5	Website:	www.corpsierramadre.com

2 - HAZARDS IDENTIFICATION

Appearance:	Solid powder.
Emergency overview:	Cause eye and respiratory tract irritation. May cause skin irritation. May be harmful if allowed to enter drinking water intakes. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers.
Acute Health Effects:	Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness.
Chronic Health Effects:	This product has no known chronic effects. Repeated or prolonged exposure to this compound is not known to aggravate medical conditions.
Carcinogenicity:	This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.

3 - COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Nr.	EINECS Nr.	Percent
Sodium Stearate	822-16-2	212-490-5	Essentially 100%
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

4 - FIRST AID MEASURES

Eyes:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Skin:	In case of contact, flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion:	If swallowed, call a physician immediately.

5 - FIRE FIGHTING MEASURES

Flammability:	Non-Flammable.
Flash point:	Not applicable.
Auto-ignition temp.	Not applicable.
Explosion limits:	Lower: Not available. Upper: Not available.
Extinguishing media:	May emit toxic fumes on thermal decomposition. Wear self-contained breathing apparatus. Isolate from burning will produce toxic fumes. Wear self-contained breathing apparatus and full turnout gear to fight fires.
Fire fighting procedures:	
Fire/Explosion hazards:	Concentrated dust may present an explosion hazard.

6 - ACCIDENTAL RELEASE MEASURES

Spill or Leak procedures: Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water.

7 - HANDLING AND STORAGE

Storage temperature: Use recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water.

Shelf life: It is recommended to do a reinspection after 6 months to evaluate the usability.

Special sensitivity: Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight, heat and incompatible materials (see Section X). Reseal containers immediately after use. Store away from food and beverages.

Handling/Storage precautions: Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight, heat and incompatible materials (see Section 10). Reseal containers immediately after use. Store away from food and beverages.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection: Safety glasses or goggles.

Skin protection: Gloves, apron or coveralls. Employees should wash their hands and face before eating, drinking or using tobacco products.

Respirator: Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/OSHA approved dust respirator must be worn.

Ventilation: Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.

Additional protective measures: Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of hazardous chemicals.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Solid powder.

Color: White to

Odor: Slight fatty odor.

Specific gravity @ 25°C: 1.03

Viscosity: Not available.

Freezing/Melting point: 410° F (210° C)

Boiling point: Not available.

Vapor pressure @ 25°C: Not available.

Vapor density: Not available.

Solubility in water: Soluble (slightly soluble in ethanediol)

pH: pH of a 5% aqueous solution is 10.7

Volatil content: < 3%

Flash point: Not applicable.

Autoignition temp: Not applicable.

Flammability limits in Air: Not available.

Remarks: The above information is not intended for use in preparing product specifications. Contact CSM before writing specifications.

10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal handling and storing conditions.

Hazardous polymerization: Will not occur.

Materials to avoid: Oxidantes fuertes. Humedad.

Conditions to avoid: Warm and humid ambient.

Hazardous Decompositions Products
Carbon Dioxide, Carbon Monoxide.

11 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY		
Route of Exposure		Conclusion / Remarks
Inhalation		
Toxicity (Rat)	No disponible	-
Irritation:	No disponible	-
Ingestion		
Toxicity (Rat)	No disponible	-
Skin		
Toxicity (Rabbit)	No disponible	-
Irritation (Rabbit)	No disponible	-
Eye		
Irritation (Rabbit)	No disponible	-

Chronic Toxic Effects: Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.

12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not available at this time. May be harmful to aquatic life.

Remarks: This information can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

13 - DISPOSAL CONSIDERATIONS

Waste disposal method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

14 - TRANSPORTATION INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Not regulated as dangerous goods.

Ocean Shipment (IMDG)

Not regulated as dangerous goods.

Air Shipment (IATA)

Not regulated as dangerous goods.

Call CSM Shipping department (+52 (81) 8345-4024) , if additional information is required.

15 - REGULATORY INFORMATION

FDA (Food and Drug Administration)

Not available.

TSCA Status: This compound is on the EPA Toxic Substance Control Act (TSCA) inventory List.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 355)

Ninguno.

Section 304 CERCLA Hazardous Substances (40 CFR 302)

Ninguno.

Section 311/312 Hazard Class (40 CFR 370):

Acute:	Ninguno
Chronic	Ninguno
Fire:	Ninguno
Pressure:	Ninguno
Reactive:	Ninguno

Section 313 Toxic Class

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning

Remarks: Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

EUROPEAN / INTERNATIONAL REGULATIONS

EUROPE

REACH: This component is not pre-registered or registered on REACH.

Hazard Symbols: Xi

Risk phrases:

- R36/37 Irritating to eyes and respiratory system.
- R38 Irritating to the skin.

Safety phrases:

- S22 Do not breathe dust.
- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28A After contact with skin, wash immediately with plenty of water.

CANADA - DSL / NDSL

CAS #: 822-16-2 Not available.

CANADA - WHMIS

CAS #: 822-16-2 No regulated

CANADA - CIDL

CAS #: 822-16-2 Not available.

16 - OTHER INFORMATION

HIMS Rating

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	E

DISCLAIMER:

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

END OF DOCUMENT