

	CHEMICAL PRODUCT SAFETY DATA SHEET STEARIC ACID	Code:	HSAE1872
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<i>SECTION I IDENTIFICATION OF THE HAZARDOUS CHEMICAL SUBSTANCE</i>		
<i>1) CHEMICAL NAME</i>	<i>2) OTHER MEANS OF IDENTIFICATION</i>	<i>3) RECOMMENDED USE OF THE SUBSTANCE</i>
Stearic Acid	Stearic Acid	Industrial use
<i>4) SUPPLIER OR MANUFACTURER DATA</i>		<i>5) SETIQ EMERGENCY NUMBERS</i>
AZINSA OXIDOS, S.A. DE C.V. FERNANDO MONTES DE OCA No. 21 EDIF. B P2, SAN NICOLÁS TLALNEPANTLA MÉXICO C.P. 54030.		55 59 15 88 (CDMX) 01 (800) 00 214 24 hours a day, 365 days a year. Provides technical and specific information by telephone to assist emergencies and incidents

<i>SECTION II HAZARD IDENTIFICATION</i>	
	<i>1) CLASSIFICATION OF HAZARDOUS CHEMICAL SUBSTANCE OR MIXTURE</i> This chemical is not hazardous under the 2012 OSHA Hazard Communication Standard This is not a hazardous substance or mixture under the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).
	<i>2) ELEMENTS OF SIGNAGE, INCLUDING PRECAUTIONARY STATEMENTS AND CAUTION PICTOGRAMS</i> Not hazardous. Hazards not otherwise classified (HNOC): May form explosive dust clouds in air. Avoid dust formation.
	<i>3) HAZARDS WHICH DO NOT CONTRIBUTE TO THE CLASSIFICATION</i> There is no additional information

<i>SECTION III COMPOSITION / INFORMATION ON COMPONENTS</i>				
<i>IDENTIFICATION OF THE SUBSTANCE</i>	<i>CAS No.</i>	<i>%</i>	<i>ACGIH (TLV-TWA)</i>	<i>OSHA (PEL-TWA)</i>
Stearic Acid	57-11-4	60-100	Not Available	Not Available

<i>SECTION IV. FIRST AID</i>	
<i>1) DESCRIPTION OF FIRST AID</i>	
<i>INHALATION</i>	Remove the victim to fresh air and keep him or her at rest in a position comfortable for breathing
<i>INGESTION</i>	Rinse mouth; do not induce vomiting. Contact your doctor if the victim feels ill.
<i>SKIN</i>	In case of contact, immediately wash with water/shower, if discomfort occurs or in case of doubt consult a doctor.



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EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing. If eye irritation persists, consult a doctor.
2) MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE OR CHRONIC	
ACUTE	No available
CHRONICLE	None identified
3) INDICATION OF THE NEED TO RECEIVE IMMEDIATE MEDICAL ATTENTION AND, IF APPROPRIATE, SPECIAL TREATMENT	
Notes for the doctor:	Treat symptomatically. Contact a poison control specialist immediately if a large amount has been ingested or inhaled. If decomposition products are inhaled during a fire, symptoms may appear later. The exposed person may need to be under medical supervision for 48 hours.
Specific treatments:	There is no specific treatment
Personnel protection:	No action should be taken that poses a personal risk or without adequate training. It may be dangerous for the person providing rescue breathing. Wash contaminated clothing with water before removing it or wear gloves.

SECTION V. FIRE FIGHTING MEASURES

1) SUITABLE EXTINGUISHING MEDIA

Suitable extinguishing media: Class ABC/BC fire extinguisher. Dry powder, alcohol foam, CO₂, water mist. Use an extinguishing agent suitable for the surrounding fire. Ventilate the area immediately and avoid breathing fume.
Unsuitable extinguishing media: None known

2) SPECIFIC HAZARDS OF THE HAZARDOUS CHEMICAL SUBSTANCE OR MIXTURE

May burn slowly on contact with fibrous insulating material. May form explosive dust clouds in air.

Hazardous Combustion Products: Carbon oxides. Gases and vapors.

Sensitivity to Shock: Not sensitive.

Sensitivity to Electric Shock: None.

3) SPECIAL MEASURES TO BE FOLLOWED BY FIRE FIGHTING GROUPS

In the event of a fire, quickly isolate the area and evacuate all persons from the vicinity of the incident. No action should be taken that poses a personal risk or without adequate training. Firefighting water contaminated with this material must be prevented from entering waterways, drains, or sewers.

Firefighters must wear appropriate protective equipment and self-contained breathing apparatus with a full facepiece operating in positive pressure mode. Wear protective clothing for fires involving chemicals.



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SECTION VIII. PERSONAL EXPOSURE CONTROLS/PERSONAL PROTECTION

1) CONTROL PARAMETERS (NOM-010-STPS-2014)

Exposure Guidelines: This product does not contain hazardous materials with occupational exposure limits established by region-specific regulatory agencies.

Other exposure guidelines: OSHA PEL 5 mg/m³ particulate.

2) APPROPRIATE TECHNICAL CONTROLS

Ensure adequate ventilation, especially in confined areas. Eyewash station.

3) INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT, PPE

<i>VENTILATION</i>	Use general ventilation or local exhaust to meet TLV requirements.
<i>RESPIRATORY</i>	Not necessary under normal conditions.
<i>EYE PROTECTION</i>	Safety glasses with side shields (goggles).
<i>PROTECTIVE GLOVES</i>	Waterproof gloves. Use the necessary personal protective equipment.
<i>OTHERS</i>	Handle in accordance with good industrial hygiene and safety practices.



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SECCTION IX. PHYSICAL AND CHEMICAL PROPERTIES

1) APPEARANCE (PHYSICAL STATE AND COLOR) White crystalline solid in flakes	2) SMELL; Faint greasy smell	3) ODOR THRESHOLD; Not available	4) PH; Not available
5) MELTING POINT/FREEZING POINT; Melting: 55 °C Freezing: Not available	6) INITIAL POINT AND BOILING INTERVAL; 205 – 225 °C	7) FLASHPOINT ; 180 °C	8) EVAPORATION RATE ; Not determined
9) FLAMMABILITY (SOLID OR GAS); May burn if exposed to an open flame.	10); UPPER/LOWER LIMITS OF FLAMMABILITY OR EXPLOSIVITY. LS: Not aplicable LI: Not aplicable	11) PRESSURE; Not aplicable	12) VAPOR VAPOR DENSITY ; Not aplicable
13) RELATIVE DENSITY; 0.85 g/mL @75 °C	14) SOLUBILITY); Soluble in many organic solvents	15) PARTITION COEFFICIENT: N-OCTANOL/WATER; Not available	16) SPONTANEOUS IGNITION TEMPERATURE; 350 °C
17) DECOMPOSITION TEMPERATURE; Not determined	18) VISCOSITY; Dynamic viscosity: 10 @ 65 °C mPa s	19) MOLECULAR WEIGHT 284.48 g/mol	20) OTHER RELEVANT DATA None

SECCTION X. STABILITY AND REACTIVITY

1) REACTIVITY	N/A
2) HAZARDOUS CHEMICAL STABILITY	Stable under recommended storage conditions.
3) POSSIBILITY OF HAZARDOUS REACTIONS	None in the normal process.
4) CONDITIONS TO BE AVOID	None in the normal process.
5) INCOMPATIBLE MATERIALS	Strong oxidizing agents
6) HAZARDOUS DECOMPOSITION PRODUCTS	Combustion may cause the release of irritating vapors.

SECCTION XI. TOXICOLOGICAL INFORMATION



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1) PRIMARY ENTRY ROUTE: Oral, inhalation, skin contact.	ORGANS ATTACKED: Not determined
2) SYMPTOMS RELATED TO PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS No danger is known.	
3) IMMEDIATE AND DELAYED EFFECTS, AS WELL AS CHRONIC EFFECTS PRODUCED BY SHORT- AND LONG-TERM EXPOSURE Mutagenic Effects: No known hazards. Carcinogenicity: This substance is not classified as a carcinogen by IARC, OSHA, ACGIH, or NTP.	
4) MEDIDAS NUMÉRICAS DE TOXICIDAD (TALES COMO ESTIMACIONES DE TOXICIDAD AGUDA) Not determined	

SECTION XII. ECOTOXICOLOGICAL INFORMATION

1) TOXICITY

It is non-toxic to aquatic organisms at its maximum solubility in water.

2) PERSISTENCE AND BIODEGRADABILITY

Readily biodegradable: (OECD 301B) (28 days) > 70%.

3) POTENCIAL DE BIOACUMULACIÓN

No determined

4) GROUND MOBILITY

This substance is probably not mobile in the environment due to its low solubility in water.

5) OTHER ADVERSE EFFECTS

Not available

It is expected to be very toxic to aquatic organisms. May cause long-term adverse effects on the environment. Large quantities of the product can affect the pH of the water, with the risk of harmful effects on aquatic organisms.



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SECTION XIII. INFORMATION REGARDING THE DISPOSAL OF PRODUCTS

1) DISPOSAL METHODS

Waste treatment methods: Dispose of the product and its container as hazardous waste. Dispose of contents in accordance with local, regional, or national regulations.

Do not dispose of waste down the drain; avoid release to the environment.

SECTION XIV. RELATING TO TRANSPORTATION

No. UN	None
Official shipping designation	None
Class(es) relating to transport (IMO)	Not hazardous according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI/IATA-DGR
Class 9	Miscellaneous Dangerous Objects
Packing group/packaging, if applicable	None
Environmental risks	Marine Pollutant (Yes/No): No
Special precautions for user	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	MARPOL Annex II: Category Y

SECTION XV. REGULATORY INFORMATION

Specific safety, health and environmental provisions for substances hazardous chemicals or mixtures involved	<p><i>TSCA: Toxic Substances Control Act Section 8(b) Inventory of the United States.</i> <i>DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List</i> <i>EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances</i> <i>ENCS - Japanese Existing and New Chemical Substances</i> <i>IECSC - Chinese Inventory of Existing Chemical Substances</i> <i>KECL - Korean Existing and Evaluated Chemical Substances</i> <i>PICCS - Philippine Inventory of Chemicals and Substances</i> <i>AICS - Australian Inventory of Chemical Substances</i></p> <p>U.S. Federal Regulations</p> <p>SARA 313 <i>Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.</i></p>
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Clean Water Act

This product does not contain any substances regulated as pollutants under the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Environmental Response, Compensation, and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). Reauthorization Act (SARA) (40 CFR 355). There may be specific local, regional, or state notification requirements related to releases of this material.

SECTION XVI. OTHER INFORMATION INCLUDING THOSE REGARDING THE PREPARATION AND UPDATING OF SAFETY DATA SHEETS

The preparation date	In progress
Description of abbreviations and acronyms used in the safety data sheet	CAS: Chemical Abstracts Service DOT: Department of Transportation LATA: The International Air Transport Association IMDG: International Maritime Organization
References to the basic documents and data sources used to prepare the safety data sheet, these may be included in this section, if necessary, considers necessary.	In progress

Disclaimer Clause

The information in this safety data sheet is to the best of our knowledge at the time of printing. The information must be supporting points for the safe handling of products mentioned in this safety sheet for storage, processing, transportation and disposal. The instructions cannot be transferred to other products. As long as the product is mixed or manufactured with other materials, the indications of this safety sheet cannot be transferred to the new agent.

REVIEWED: Laboratory Coordinator	APROVED: Quality Manager
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