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MSDS
NIACET
SODIUM STEAROYL LACTYLATE

Issued: January 2011

EMERGENCY PHONE NUMBER: (800) 424 9300, (202) 483-7616

MATERIAL SAFETY DATA SHEET

SODIUM STEAROYL LACTYLATE (SSL)

Page 1 of 2

SECTION I - PRODUCT IDENTIFICATION

Product Name: NIACET Sodium Stearoyl Lactylate (SSL)
Chemical Synonyms: Octadecanoic Acid
2-(carboxyethoxy)-1-methyl-2-oxoethyl ester, sodium salt
Chemical Name: Sodium Stearoyl-2-Lactylate
Chemical Formula: C24-H44-O6-Na

SECTION II - INGREDIENTS

	<u>% by wt.</u>	<u>CAS #</u>
Sodium Stearoyl Lactylate	100	25383-99-7

SECTION III - PHYSICAL DATA

Molecular Weight:	451.6	Appearance:	cream colored powder / flakes
pH of 10% Aq Soln:	N/A	Odor:	sweetish/slight
Melting Point:	42-52°C	Boiling Point:	N/A
Vapor Pressure:	not applicable	Bulk Density:	approx. 40-50 lbs./cu. ft.
Solubility in Water:	Slight	Reactivity in Water:	does not react
Storage	Hygroscopic, Keep container closed. Keep cool <80 degrees F (26°C)		

SECTION IV - FIRE & EXPLOSION HAZARD

Flash Point: 221 C by Tag Closed Cup Flammable Limits: Not Determined
Auto-Ignition Temperature: Not Applicable
Unusual Hazards: Avoid dispersion of dust.
Extinguishing Media: Appropriate media for surrounding fire.

SECTION V - REACTIVITY DATA

Hazardous Decomposition Products: Carbon monoxide
Hazardous Polymerization: Will not occur.
Incompatibility: Strong oxidizing agents

SECTION VI - TOXICITY DATA

Sodium Stearoyl Lactylate is a non-toxic food additive permitted for direct addition to food for human consumption as listed in 21 CFR 172.846

Occupational Exposure: No exposure limits have been set by OSHA, NIOSH or ACGIH.
Carcinogen: IARC: NO, NTP: NO, OSHA: NO

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Page 2 of 2

SECTION VII - HEALTH HAZARD INFORMATION

Primary Routes of Exposure:

Ingestion: If swallowed, wash mouth out with water. Get medical attention.
Eye Contact: Can cause irritation. Flush with water for at least 15 minutes, hold eyelids open. Get medical attention.
Skin Contact: May cause irritation of the skin. Wash area with soap and water. Get medical attention if irritation persists.
Inhalation: If irritation develops, remove to fresh air.

Effects of overexposure: Dust, in high concentration, may cause irritation of eyes, nose and throat.
Medical Conditions Aggravated by Exposure: None identified. Handle with reasonable care.

SECTION VIII - EMPLOYEE PROTECTION

Protective Clothing: Appropriate work apparel. Plastic or rubber gloves optional.
Eye Protection: Safety glasses should always be worn when working with chemicals.
Respiratory Protection: Material should be handled in a manner that does not produce airborne particles. If dust is a problem a dust mask or respirator is recommended.

SECTION IX - SPILL AND DISPOSAL PROCEDURES

Action to be taken for Spills:
Wear suitable protective clothing including a respirator or dust mask. Sweep up spillage and collect for disposal. Wash down area with large quantities of water.

Disposal Methods:
Material is biodegradable. Dispose of in accordance with applicable Federal, state and local regulations.

SECTION X - OTHER REGULATORY CONTROLS

Sodium Acetate	TSCA Inventory:	YES (all ingredients)
	OSHA Hazard:	NO
	Regulated under RECRA:	NO
	Regulated under CERCLA:	NO
	Regulated under SARA Title III:	NO

The information herein is given in good faith and believed to be accurate and has been compiled from sources believed to be reliable. Buyer assumes all risk of use, storage and handling of this product in compliance with applicable federal, state, and local laws and regulations.