State of the Art Ingredients • Fast Friendly Service

Sodium Lauryl Sulfoacetate

SECTION 1 :: PRODUCT IDENTIFICATION

Product details:

Revision date	**01-04-2010**
Chemical class	**Sulfoacetate**

SECTION 2 :: HAZARDS IDENTIFICATION

Emergency overview	WARNING Product may form explosive dust/air mixtures if high concentration of product dust is suspended in air. Product dust may be irritating to eyes, skin and respiratory system.
Potential health effects	
Eyes	Dust or powder may irritate eye tissue. Prolonged or repeated contact may worsen irritation.
Skin	Moderate skin irritation
Inhalation	Inhalation of dusts may cause respiratory irritation.
Ingestion	May be harmful if swallowed.

SECTION 3 :: DATA ON COMPONENTS

Components	CAS #	Percent
_Sodium Lauryl Sulfoacetate	1847-58-1	65 - 72
_Sodium chloride	7647-14-5	10 - 18
_Sodium sulfate	7757-82-6	5 - 18

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SECTION 4 :: FIRST AID MEASURES

First aid procedures

Eye contact attention if	Immediately flush eyes with plenty of water for at least 15 minutes.Get medical irritation develops or persists.
Skin contact contaminated	For skin contact flush with large amounts of water.Immediately take off all clothing. Get medical attention if irritation develops or persists.Wash clothing separately before reuse.
Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air. Oxygen or artificial respiration if needed.If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion induce	If the material is swallowed, get immediate medical attention or advice -- Do not vomiting.

SECTION 5 :: FIRE FIGHTING MEASURES

Flammable properties	Dust accumulation from this product may present an explosion hazard in the presence of an ignition source. Fire hazard. Class II Dust for National Electric Code (NFPA 70)
Extinguishing media	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Protection of firefighters	
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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SECTION 6 :: ACCIDENTAL RELEASE MEASURES

Personal precautions	Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Avoid dust formation. Avoid the generation of dusts during clean-up. Do not create a powder cloud by using a brush or compressed air. Wear appropriate protective equipment and clothing during clean-up. Cover powder spill with plastic sheet or tarp to minimize spreading. Use clean non-sparking tools to collect absorbed material. Shovel into suitable container for disposal.

SECTION 7 :: HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Avoid breathing dusts from this material. Wash hands thoroughly after handling.
Storage	Guard against dust accumulation of this material. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in cool place. Keep in a well-ventilated place.

SECTION 8 :: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls	Use explosion-proof equipment if high dust/air concentrations are possible. Keep formation of airborne dusts to a minimum. Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

Personal protective equipment

General	Eye wash fountain and emergency showers are recommended.
Eye / face protection	Wear dust goggles.
Skin protection	Wear suitable protective clothing. Use impervious gloves.
Respiratory protection	If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate

NIOSH/MSHA respiratory protection must be provided.

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Sodium Lauryl Sulfoacetate

SECTION 9 :: PHYSICAL AND CHEMICAL PROPERTIES

Color	White.
Physical state	Solid.
Form	Powder.
	Class II Dust for National Electric Code (NFPA 70)
	Pmax = 6.9 bar
	Kst = 89 bar m/s
	Minimum Ignition Energy (MIE) = >1000 mJ
	Minimum Explosible Concentration (MEC) = 89 g/m3
	Minimum Autoignition Temperature (MAIT Cloud) = 370 C
	Limiting Oxygen Concentration (LOC) = 16.2 vol. %
	Mean particle size = 227 (10% < 75) micrometer
pH	5 - 7.5 @5% Aqueous
Flash point	Not available.
Evaporation rate	Not Applicable
Flammability limits in air, upper, % by volume	NOT DETERMINED.
Vapor pressure	Not Applicable
Vapor density	Not applicable, powder.
RVOC	0 %
Percent volatile	0 % estimated

SECTION 10 :: STABILITY AND REACTIVITY

Chemical stability	Stable at normal conditions.
Conditions to avoid	Dust may form explosive mixture in air. Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents. This product may react with strong alkalies.
Hazardous decomposition products	Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.
Possibility of hazardous reactions	Will not occur.

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SECTION 11 :: TOXICOLOGY INFORMATION

Toxicological data

Product	Test Results
Sodium Lauryl Sulfoacetate	Acute Oral LD50 Rat: 500 - 5000 mg/kg

* Estimates for product may be based on additional component data not shown.

Carcinogenicity — This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12 :: ECOLOGY INFORMATION

Not available.

SECTION 13 :: DISPOSAL CONSIDERATIONS

Disposal instructions — Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

SECTION 14 :: TRANSPORT INFORMATION

Notes — Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

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SECTION 15 :: REGULATIONS

Reportable Quantity There is no calculable reportable quantity (RQ) for this product.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance: No

Section 311 hazardous chemical: No

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

US - Pennsylvania RTK - Hazardous Substances: Listed substance

_Sodium sulfate (7757-82-6) Listed.

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SECTION 16 :: COMMENTS

Further information Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the

Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings

Health: 2

Flammability: 1

Physical hazard: 0

Personal protection: X

NFPA ratings

Health: 2

Flammability: 1

Instability: 0

Disclaimer

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