



MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL IDENTIFICATION

PRODUCT NAME: LAURYL SULFATE [SODIUM DODECYLSULFATE] [SDS], Micropellets
COMMON NAME: SDS, Micropellets
RPI CATALOG #: L22040
SUPPLIER'S NAME: Research Products International Corp.
SUPPLIERS ADDRESS: 410 N Business Center Drive
Mount Prospect, IL 60056
EMERGENCY CONTACT: 1-800-424-9300
OTHER INFORMATION: 847-635-7330

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS #: 151-21-3
MOLECULAR FORMULA: $C_{12}H_{25}O_4SNa$

SECTION 3 - HAZARDS IDENTIFICATION

Label precautionary statements: Toxic (USA), Harmful (EU). Harmful by inhalation and if swallowed. May cause sensitization by inhalation. Irritating to eyes, respiratory system and skin. Risk of serious damage to eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing. Do not breathe dust. Target organ(s): lungs.

SECTION 4 - FIRST-AID MEASURES

If swallowed, wash out mouth with water provided person is conscious. Call a physician. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately wash skin with soap and copious amounts of water. In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing media: water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special fire fighting procedures: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosions hazards: emits toxic fumes under fire conditions.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Evacuate area.

SECTION 7 - HANDLING AND STORAGE

Refer to section 8.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Wash thoroughly after handling. Do not breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. NIOSH/MSHA-approved respirator. Compatible chemical-resistant gloves. Chemical safety goggles. Keep tightly closed. Store in a cool dry place. Safety shower and eye bath. Use only in a chemical fume hood.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical properties: Melting point: 204 - 207°C

SECTION 10 - STABILITY AND REACTIVITY

Stability: stable. Incompatibilities: strong oxidizing agents.

Hazardous combustion or decomposition products: carbon monoxide, carbon dioxide, sulfur oxides.

Hazardous polymerization: will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute effects: causes skin irritation. May be harmful if absorbed through the skin. Causes severe eye irritation. May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract. Harmful if swallowed. May cause allergic respiratory reaction. Causes sneezing. Do not inhale. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Target Organ(s): lungs. Target Organ Data: behavioral (somnolence, change in motor activity); vascular (regional or general arteriolar or venous dilation); effects on embryo or fetus (fetotoxicity). Only selected registry of toxic effects of chemical substances (RTECS) data is presented here. RTECS #: WT1050000. See actual entry in RTECS for complete information.

Irritation Data:

SKN-HMN 250 MG/24H MLD	TXAPA9 31,481,1975	SKN-RBT 50 MG/24H MLD	TXAPA9 21,369,1972
SKN-HMN 25 MG/24H MLD	JSCCA5 23,371,1972	EYE-RBT 100 MG/24H MOD	28ZPAK -,305,1972
SKN-MUS 25 MG/24H MOD	JSCCA5 23,371,1972	EYE-RBT 250 UG MLD	AROPAW 34,99,1945
SKN-DOG 25 MG/24H MLD	JSCCA5 23,371,1972	EYE-RBT 2 MG	DCTODJ 1,305,1978
SKN-RBT 50 MG/24H SEV	BIOFX* 23-3/1971	EYE-RBT 10 MG MOD	TXAPA9 55,501,1980
SKN-RBT 25 MG/24H MOD	JSCCA5 23,371,1972	SKN-PIG 25 MG/24H MLD	JSCCA5 23,371,1972
SKN-RBT 250 MG/24H MOD	TXAPA9 31,481,1975	SKN-GPG 25 MG/24H MLD	JSCCA5 23,371,1972
SKN-RBT 10 MG/24H	DCTODJ 1,305,1978		

Toxicity Data:

ORL-RAT LD ₅₀ :1288 MG/KG	FCTXAV 5,763,1967	IVN-RAT LD ₅₀ :118 MG/KG	JPMSAE 52,803,1963
IHL-RAT LC ₅₀ >3900 MG/M3/1H	BIOFX* 23-3/1971	IPR-MUS LD ₅₀ :250 MG/KG	JAPMA8 42,283,1953
IPR-RAT LD ₅₀ :210 MG/KG	PSTGAW 3,1,1945	IVN-MUS LD ₅₀ :118 MG/KG	JPMSAE 52,803,1963

SECTION 12 - ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14 - TRANSPORT INFORMATION

Non regulated.

SECTION 15 - REGULATORY INFORMATION

European information: Harmful. R 20/22, harmful by inhalation and if swallowed. R 42, may cause sensitization by inhalation. R 36/37/38, irritating to eyes, respiratory system and skin. R 41, risk of serious damage to eyes. S 26, in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36, wear suitable protective clothing. S 22, do not breathe dust. Reviews, standards, and regulations. OEL=MAK. EPA FIFRA 1988 pesticide subject to registration or re-registration. FEREAC 54,7740,1989. NOHS 1974: HZD 81990; NIS 167; TNF 32028; NOS 113; TNE 388848. NOES 1983: HZD 81990; NIS 232; TNF 46312; NOS 170; TNE 886968; TFE 415360. EPA TSCA section 8(b) chemical inventory. EPA TSCA section 8(d) unpublished health/safety studies. EPA TSCA section 8(e) risk notification, 8ehq-0892-8800. EPA TSCA test submission (TSCATS) data base, December 1999.

SECTION 16 - OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Research Products International Corp. shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.