

Safety Data Sheet

Emergency: +34 91 562 0420 TOXICOLOGIA MADRID
Supplier: La Despensa del Jabón SC - Av de Rioja nº1, bj 3 (26240) Castañares de Rioja - España
Tel: (+34) 944 657 841 - www.ladispensadeljabon.com - tienda@ladispensadeljabon.com

Section 1. Identification

Trade Name: Sodium Lauroyl Glutamate
INCI Name: Sodium Lauroyl Glutamate
CAS No.: 29923-31-7
EC No.: 249-958-3

Section 2. Hazard Identification

Classification according to Regulation (EC) No 1272/2008:



GHS07

Signal Word: Warning
Classification: H319, Causes serious eye irritation.
Precautionary statement: P264, Wash ... thoroughly after handling.
P280, Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351+ P338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313, If eye irritation persists: Get medical advice/attention.
Acute Eyes: Cause serious eye irritation.
Acute Skin: Cause skin irritation.
Acute Inhalation: Inhalation unlikely, unless mists are generated. No irritation is expected to be associated with inhalation of this material. No toxic effects are known to be associated with inhalation of this material.
Acute Ingestion: This material is not likely to cause irritation upon ingestion. No toxic effects are expected following ingestion of this product.
Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

Section 3. Hazard Identification

| Composition: | CAS No. | Classification |
|--------------------------|------------|--------------------------------------|
| INCI Name | | |
| Sodium Lauroyl Glutamate | 29923-31-7 | H319: Causes serious eye irritation. |
| Sodium Chloride | 7647-14-5 | Not classified. |

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Seek medical attention.

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| Skin Contact: | Immediately flush the contaminated skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation occurs, seek medical attention. |
| Inhalation: | Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms occur. |
| Ingestion: | Immediately rinse out the mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. |

Section 5. Fire Fighting Measures

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| Flammable Properties: | Not flammable. |
| Extinguishing Media: | Use water spray, dry powder, carbon dioxide, or appropriate foam. |
| Instructions: | KEEP PERSONNEL REMOVED FROM AND UPWIND OF FIRE. WEAR FULL FIREFIGHTING TURN-OUT GEAR (FULL BUNKER GEAR) AND RESPIRATORY PROTECTION (SELF-CONTAINED BREATHING APPARATUS).COOL CONTAINER WITH WATER SPRAY. |

Section 6. Accidental Release Measures

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| Initial Containment: | Dike spill. Prevent material from entering sewers, waterways, or low areas. |
| Spill Clean up: | Sweep up and mix material with a moist absorbent and shovel into a chemical waste container. Wash residue from spill area with water flush to permitted sewer service or waterway. |

Section 7. Handling and Storage

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| Handling: | Use good hygiene practices when handling. Do not breathe vapor or mist. Do not get in eyes, on skin, or on clothing. |
| Storage: | Keep container tightly closed. Store in a dry, cool and ventilated place. |

Section 8. Exposure Control/Personal Protection

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| Engineering Controls: | No specific controls are needed. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. |
| Eye Protection: | Wear chemical safety glasses with side shields or splash proof goggles. |
| Skin Protection: | Suitable protective gloves. |
| Respiratory Protection: | Not established exposure limits. |
| General: | No specific protections are needed. |

Section 9. Physical and Chemical Properties

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| Appearance: | White powder |
| Freezing Point: | Not available |
| Vapor Pressure: | Not available |
| Solubility in Water: | Freely soluble |
| pH (5%): | 10.0-11.0 |

Section 10. Stability and Chemical Properties

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|---------------------------------------|---|
| Stability: | Stable. |
| Decomposition: | Decomposes with heat under strong alkaline condition. |
| Incompatibility with Other Materials: | Strong oxidizing agents, agents react with water. |

Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen, carbon dioxide.
 Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

LD50(Oral, Rat): 2000 mg/kg bw (male/female)
 LD50(Dermal, Rabbit): 5000 mg/kg bw (male/female)
 LC50(Inhalation, Rat): Not available
 Skin corrosion/Irritation: Not classified
 Serious eye damage/irritation: Causes serious eye irritation.
 Respiratory or skin sensitization: No relevant information available
 Germ cell mutagenicity: Not classified
 Carcinogenicity: Not classified
 Reproductive toxicity: Not classified
 STOT- single exposure: Not classified
 STOT-repeated exposure: Not classified
 Aspiration hazard: Not classified

Section 12. Ecological Information

12.1 Toxicity:

| Acute toxicity | | Time | Species | Method | Remarks |
|----------------|------------|------|---------|---|---|
| LC50 | 62.4 mg/L | 96h | Fish | OECD Guideline 203 (Fish, Acute Toxicity Test) equivalent or similar to EU Method C.1 (Acute Toxicity for Fish) | 2 (reliable with restriction) key study read-across from supporting substance (structural analogue or surrogate) |
| EC50 | 49 mg/L | 48h | Daphnia | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) | 2 (reliable with restriction) key study read-across from supporting substance (structural analogue or surrogate) |
| EC50 | 32.56 mg/L | 72h | Algae | EU Method C.3 (Algal Inhibition test) equivalent or similar to OECD Guideline 201 (Alga, Growth Inhibition Test) | 2 (reliable with restriction) key study read-across from supporting substance (structural analogue or surrogate) |

12.2 Persistence and degradability: Readily biodegradable
 12.3 Bioaccumulative potential: A low potential for bioaccumulation.
 12.4 Mobility in soil: Not available
 12.5 Results of PBT&vPvB assessment: The substance is not considered a PBT/vPvB.
 12.6 Other adverse effects: Not available.

Section 13. Disposal Considerations

Waste Disposal Methods: Dispose of in a manner in accordance with federal, state, and local regulations.
 Container Handling and Disposal: Any containers or equipment used should be decontaminated immediately after use.
 EPA Hazardous Waste: No.

Section 14. Transport Information

RID/ADR: Not regulated as a hazardous material.
 IMO/IMDG: Not regulated as a hazardous material.
 IATA/ICAO: Not regulated as a hazardous material.

Section 15. Regulatory Information

SARA Title III Hazard Classes: Fire Hazard: No.
 Reactive Hazard: No.
 Release of Pressure: No.
 Acute Health Hazard: No.
 Chronic Health Hazard: No.

US. Toxic Substances Control Act (TSCA):

All intentional components are listed on the inventory, are exempt, or are supplier certified.

China. Standard Chinese Name Inventory of International Cosmetic Materials (CHINA) :

All intentional components are listed on the inventory, are exempt, or are supplier certified.

Section 16. Other Information

National Fire Protection Association Hazard Ratings —NFPA (R)

Health Hazard 0 Minimal

Flammability 0 Minimal

Instability 0 Minimal

National Paint & Coating Hazardous Materials Identification System—HMIS (R)

Health Hazard 1 Slight

Flammability 0 Minimal

Reactivity 0 Minimal

Key: 0-- Minimal; 1--Slight; 2--Moderate; 3--High; 4—Extreme

Prepared by: Regulatory

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****END OF MATERIAL SAFETY DATA SHEET***