

Liquid Laundry Detergent 2X Free



SAFETY DATA SHEET Liquid Laundry Detergent 2X Free

Section I. Identification of substance/preparation and company

Identification of the substance or preparation

- Product Name** : **Liquid Laundry Detergent 2X Free**
Synonyms : Aqueous Mixture of Anionic and Nonionic Surfactants w/or w/out Enzymes
Use of the substance/preparation : Mixture
- Manufacturer/Supplier** : Ninigret Building XI
Sun Products Corporation
Attn: Consumer Relations
4750 West 2100 South, Suite 200
Salt Lake City, UT 84120
- General Information Number** : 1-800-776-6702
Emergency Telephone Number : 1-800-975-3194 (24 Hours)
Poison Control : 1-800-949-7866 (24 Hours)
Chemtrec : 1-800-424-9300 (24 Hours, Transportation Emergencies)

Section II. Composition/Information on ingredients

Ingredients as defined by the OSHA Hazard Communication Standard (29CFR § 1910.1200):

Chemical Name	CAS Number	% Range
Methyl ester sulfonate	4016-24-4	Not available
Cocamide DEA	68603-42-9	Not available

Section III. Exposure Controls / Personal Protection

Chemical Name	CAS Number	ACGIH TLV	OSHA PEL	STEL
Methyl ester sulfonate	4016-24-4	Not established	Not established	Not established
Cocamide DEA	68603-42-9	Not established	Not established	Not established

Personal Protection

- For routine consumer use** : No special precautions necessary
- For industrial activities** :
- Respiratory protection** : None required under normal conditions. General ventilation.
 - Hand protection** : Rubber gloves may be worn for protection.
 - Eye protection** : Goggles may be worn for splash prevention.
 - Skin protection** : Personal protective equipment for the body should be

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selected based on the task being performed and the risks involved.

Section IV. Physical / Chemical Data

Boiling Point	: Not available
Freezing Point	: Variable
Specific Gravity (H₂O = 1)	: 0.990 – 1.022
Density, (lbs./gal.)	: 8.25 – 8.52
% Volatile	: 88% max. (including water)
Evaporation Rate	: Not determined
Vapor Pressure	: Not determined
Percent VOC	: Not determined
Solubility in Water	: Soluble in water
Appearance	: Liquid
Odor	: No fragrance
Color	: No colorant
Viscosity	: Not available
pH	: Not available
pH (1% aqueous solution)	: 8.95 – 9.70

Section V. Fire & Explosion Data

Flash Point	: >200°F
Extinguishing Media	: Water mist, carbon dioxide, foams or dry chemicals
Special Fire Fighting Procedures	: Use water spray or fog, direct stream may produce foam
Fire / Explosion Hazards	: Not flammable
Hazardous Combustion Products	: Not available
Contents Under Pressure	: No
Explosive	: No

Section VI. Stability & Reactivity Data

Stable	: Yes
Conditions to Avoid	: Extreme heat
Incompatibilities	: Strong oxidizers, acids or bases
Hazardous Decomposition	: None known
Hazardous Polymerization	: Not available
Corrosive to steel, aluminum	: Not available

Section VII. Toxicology & Health Data

Potential acute health effects

Adverse health effects are considered unlikely, when the product is used according to directions

LD50	: >10,000
Threshold Limit Value	: Not Determined

Effects of Acute Exposure

Ingestion	: Irritation of membranes may occur.
Inhalation	: Prolonged exposure may produce headaches and mucous membrane irritation.
Skin Contact	: Direct contact may cause irritation.
Eye Contact	: Direct contact will cause irritation.

<u>Effects of Chronic Exposure</u>	: Not determined
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Carcinogen Status : Non-carcinogenic

Note: See Section III for personal protective equipment and Section XI for waste disposal.

Section VIII. Emergency First Aid Procedures

- If swallowed** : Do not induce vomiting. Drink a glass of water. Call a physician.
- Inhalation** : Move to fresh air.
- Skin Contact** : Rinse with water.
- Eye Contact** : Promptly rinse thoroughly with water and contact a physician.

*If symptoms persist, contact a physician.

Section IX. Safe Handling & Storage

No special handling precautions necessary. Store in a dry area at 40°F to 90°F. Keep from freezing. Keep away from fire and heat. Keep containers closed when not in use. Provide adequate ventilation.

Section X. In Case of Spill or Release

- Small or household quantities** : Spills and leaks may be cleaned up and disposed of in normal household trash.
- Large (industrial) releases** : Material may be slippery if spilled. Prevent spill from entering a waterway. Stop spill at source and contain material. Contain with inert absorbent material. Transfer liquid to container for recovery or disposal. Dispose liquid in accordance with all applicable local, state, and federal regulations. Small amounts may be flushed to sewer.

Section XI. Recommended Waste Disposal Considerations

- Methods of disposal** : Product does not meet the criteria of a hazardous waste under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with all regulations applicable to non-hazardous waste. Small amounts may be flushed to sewer. Large quantities should not be flushed into the sewer system. Spill areas are slippery when wet. Foams profusely when hit with water stream.

Section XII. Regulatory Information

- SARA 302 Hazardous Substances** : None / no reportable quantities
- SARA 304** : None
- SARA 311/312 Hazard Categories** : None / no reportable quantities
- SARA 313 Emissions Reporting** : None / no reportable quantities
- Proposition 65 Listed Chemicals** : None / no reportable quantities
- TSCA** : All components of this product comply with TSCA inventory listing requirements
- RCRA** : See Section XI – Recommended Waste Disposal Considerations
- CAA HAPS or Ozone Depletors** : Not available
- CA 22 CCR Hazardous Wastes** : Not available
- IL, MA, NJ, PA, RI State RTK & Hazardous Notifications** : Not available
- Canadian DSL/NDSL** : Not available

Section XIII. Hazard Rating Information

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Ratings are based on 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

Health	1
Fire	0
Reactivity	0

Section XIV. Ecological Information

Other adverse effects

: This product is not expected to harm the environment when used properly according to directions.

Section XV. Transport Information

Regulatory Information	Land (US DOT)	Air (IATA/ICAO)	Water (IMO/IMDG)
Proper Shipping Name	N/A	N/A	N/A
Hazard Class	N/A	N/A	N/A
UN Number	N/A	N/A	N/A
Packing Group	N/A	N/A	N/A
Label Required	N/A	N/A	N/A
Additional Information	N/A	N/A	N/A

N/A: Not Applicable

Section XVI. Other information

History

Date of issue : 12/23/2008
Date of previous issue : 5/29/2007
Version : 2.0

Notice to reader

Sun Products Corporation cannot anticipate all conditions of handling and use of this product. Therefore, Sun Products Corporation accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products.

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Sun Products Corporation will accept no liability for damages or loss incurred from the improper use or handling of this product.