



# SAFETY DATA SHEET

## Liquid Laundry Detergent - all variants

### Section I. Identification of substance/preparation and company

#### Identification of the substance or preparation

**Product Name** : Liquid Laundry Detergent - all variants  
**Synonyms** : Aqueous Mixture of Anionic and Nonionic Surfactants w/ or w/out Enzymes  
**CAS#** : N/A  
**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 (Monday – Friday, 8:30AM to 6:00PM EST)  
**Emergency Telephone Number** : 1-800-565-5597 (24 hours, ProSAR)  
**Poison Control** : 1-800-222-1222 (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	ACGIH TLV	OSHA PEL	NIOSH REL	%
Sodium Borate	12179-04-3	NA	NA	REL-TWA 1 mg/m <sup>3</sup>	1-5
Diethanolamine	111-42-2	NA	NA	REL-TWA 3ppm, 15 mg/m <sup>3</sup>	trace
Enzymes	Mixture	NA	NA	NA	0-2
Glycerine	56-81-5	NA	PEL-TWA 5 mg/m <sup>3</sup>		1-6

### Section III. First Aid Measures

Routes of Exposure	First Aid Instructions
<b>Eye Contact</b>	: Promptly flush with large amounts of water for at least 15 minutes. Contact physician if redness or irritation persists.

<b>Skin Contact</b>	:	Promptly rinse with water. Remove contaminated clothing and shoes.
<b>Ingestions (swallowed)</b>	:	Do not induce vomiting. Drink a glass of milk or water. Call a physician
<b>Inhalation</b>	:	Move to fresh air.
<b>Other</b>	:	
* If symptoms persist, contact a physician		

## Section IV. Fire Fighting Measures

<b>Flash Point – Method:</b>	:	>200 F
<b>Autoignition Temperature</b>	:	ND
<b>Flammable Limits</b>	<b>UFL</b>	: ND
	<b>LFL</b>	: ND
<b>Extinguishing Media</b>	:	Water mist, carbon dioxide, foams or dry chemicals.
<b>Special Fire Fighting Procedures</b>	:	Use water spray or fog, direct stream may produce foam
<b>Fire / Explosion Hazard</b>	:	None
<b>Hazardous Combustion Products</b>	:	None
<b>Content Under Pressure</b>	:	No
<b>Explosive</b>	:	No

## Section V. Accidental Spill or Release Measures

<b>Small or household Quantities</b>	:	Spills and leaks may be cleaned up and disposed of in normal household trash.
<b>Large (industrial) release</b>	:	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 VI. Safe Handling and Storage

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

## Section VII. Exposure Control/Personal Protection

<b>For routine consumer use</b>	:	No special precautions necessary as long as product is used as directed.
<b>For industrial activities</b>	:	
	<b>Respiratory Protection</b>	: None required under normal conditions. General ventilation required.
	<b>Hand Protection</b>	: Gloves may be worn for protection.
	<b>Eye Protection</b>	: Goggles or other protective eye wear may be worn for protection.
	<b>Skin Protection</b>	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

## Section VIII. Physical & Chemical Data

<b>Appearance</b>	:	Liquid
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<b>Odor</b>	:	Characteristic, except Free Clear variant
<b>Color</b>	:	Various tinted shades, except Free Clear variant
<b>Boiling Point</b>	:	Not available
<b>Melting Point</b>	:	ND
<b>Freezing Point</b>	:	Variable
<b>Evaporation Rate</b>	:	ND
<b>Density (lbs/gal)</b>	:	8.25 – 8.52
<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	:	0.990 - 1.002
<b>Solubility in Water</b>	:	Soluble in water
<b>Vapor Pressure</b>	:	ND
<b>Viscosity</b>	:	ND
<b>pH</b>	:	ND
<b>pH (1% aqueous solution)</b>	:	8.0 - 9.8
<b>%Volatile</b>	:	92% max (including water)
<b>Other</b>	:	

## Section IX. Stability & Reactivity Data

<b>Stable</b>	:	Yes
<b>Conditions to Avoid</b>	:	Extreme cold or heat
<b>Incompatibilities</b>	:	Strong oxidizers, acids, or bases
<b>Hazardous Decomposition</b>	:	None known
<b>Hazardous Polymerization</b>	:	Not available
<b>Corrosive to Steel, Aluminum</b>	:	No

## Section X. Toxicology & Health Data

<b>Potential acute health effects</b>	:	Adverse health effects are considered unlikely when the product is used according to directions.
<b>LD50</b>	:	Not Determined
<b>Threshold Limit Value</b>	:	Not Determined
<b>Effects of Acute Exposure</b>	:	
<b>Ingestion</b>	:	May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting, and delayed diarrhea.
<b>Inhalation</b>	:	While inhalation of a product mist is unlikely, suck exposure may cause upper respiratory irritation.
<b>Skin Contact</b>	:	No irritation expected when used according to directions. Possible irritation from prolonged contact.
<b>Eye Contact</b>	:	May cause irritation and discomfort.
<b>Effects of Chronic Exposure</b>	:	None expected
<b>Carcinogen Status</b>	:	Non-carcinogenic

## Section XI. Ecological Information

<b>Other adverse effects</b>	:	This product is not expected to harm the environment when used properly according to directions.
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<b>Biodegradable</b>	:	Not Determined
<b>Bioaccumulation</b>	:	Not expected to be bioaccumulating.

## Section XII. Recommended Waste Disposal Considerations

<b>Method of disposal</b>	:	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. May foam profusely when hit with water stream.
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## Section XIII. Transportation Information

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

## Section XIV. Regulatory Information

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

## Section XV. Hazard Rating Information

<b>Extreme</b>	=	4
<b>Insignificant</b>	=	0
<b>Health</b>	:	1
<b>Fire</b>	:	0
<b>Reactivity</b>	:	0

## Section XVI. Other Information

<b>HISTORY</b>		
<b>Date of Issue</b>	:	01/18/2010
<b>Date of Previous Issue</b>	:	01-09-2007
<b>Version</b>	:	2.0

N/A: Not Applicable  
ND : Not Determined

**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.