



SAFETY DATA SHEET

Surf Laundry Detergent Powder - all variants

Section I. Identification of substance/preparation and company

Identification of the substance or preparation

Product Name : Surf Laundry Detergent Powder - all variants
Synonyms :
CAS# :
Use of the substance/preparation : Powdered Laundry Detergent

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 : 1-800-298-2408 (Monday – Friday, 8:30AM to 6:00PM EST)
Emergency Telephone Number : 1-800-565-5597 (24 hours, Prozar)
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 carbonate	497-19-8	NA	NA	NA	35-45
Sodium chloride	7647-14-5	NA	NA	NA	20-25
Sodium Silicate	1344-09-8	NA	NA	NA	1 - 5
Sodium Percarbonate	15630-89-4	NA	NA	NA	< 1
Sodium carboxymethyl cellulose	9004-32-4	NA	NA	NA	< 1
Sodium dodecylbenzenesulfonate	25155-30-0	NA	NA	NA	< 1
Subtilisins	9014-01-1	NA	NA	NA	< 1
Sodium metasilicate	6834-92-0	NA	NA	NA	< 1

Section III. First Aid Measures

Routes of Exposure	First Aid Instructions
Eye Contact	: Promptly flush with large amounts of water for at least 15 minutes. Contact physician if redness or irritation persists.
Skin Contact	: Promptly rinse with water. Remove contaminated clothing and shoes.
Ingestions (swallowed)	: Do not induce vomiting. Drink a glass of milk or water. Call a physician

Inhalation	:	Move to fresh air.
Other	:	
* If symptoms persist, contact a physician		

Section IV. Fire Fighting Measures

Flash Point – Method:	:	> 200 F
Autoignition Temperature	:	ND
Flammable Limits	UFL	: ND
	LFL	: ND
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 Hazard	:	Not Flammable
Hazardous Combustion Products	:	None
Content Under Pressure	:	No
Explosive	:	No

Section V. Accidental Spill or Release Measures

Small or household Quantities	:	Spills and leaks may be cleaned up and disposed of in normal household trash.
Large (industrial) release	:	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 powder to container for recovery or disposal. Dispose powder 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 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 VII. Exposure Control/Personal Protection

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

Section VIII. Physical & Chemical Data

Appearance	:	Powder
Odor	:	Characteristic or Free & Clear variant
Color	:	White

Boiling Point	:	ND
Melting Point	:	ND
Freezing Point	:	ND
Evaporation Rate	:	NA
Density (lbs/gal)	:	0.475 kg/m3
Specific Gravity (H₂O = 1)	:	NA
Solubility in Water	:	Completely
Vapor Pressure	:	NA
Viscosity	:	NA
pH	:	NA
pH (1% aqueous solution)	:	11.0
%Volatile	:	3 - 6
Other	:	NA

Section IX. Stability & Reactivity Data

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

Section X. Toxicology & Health Data

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

Section XI. Ecological Information

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

Section XII. Recommended Waste Disposal Considerations

Method 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. May foam profusely when hit with water stream.
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Section XIII. Transportation Information

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

Section XIV. Regulatory Information

SARA 302 Hazardous Substances	:	None / No Reportable Quantities
SARA 304	:	Not Determined
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 Depletory	:	None / No Reportable Quantities
CA 22 CCR Hazardous Wastes	:	Sodium Carboante
IL, MA, NJ, PA, RI State RTK & Hazardous Notifications	:	None / No Reportable Quantities
Canadian DSL/NDSL	:	All components comply with registration requirements

Section XV. Hazard Rating Information

Extreme	=	4
Insignificant	=	0
Health	:	1
Fire	:	0
Reactivity	:	0

Section XVI. Other Information

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HISTORY		
Date of Issue	:	10/13/2010
Date of Previous Issue	:	12/18/2008
Version	:	3.0

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.