



# SAFETY DATA SHEET

Supersedes Date: 27-May-2015

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Version: 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Label Name** Surf Powder Laundry Detergent - Spring Burst 60oz  
**Product Generic Name** 701033301 - POWDER LAUNDRY DETERGENT  
**Other means of identification**  
**UPC Code(s)** 72613453634  
**Product code** 100987784  
**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Laundry detergent powder for clothes washing machines.  
**Uses advised against** Follow label instructions. Not recommended for any use except intended use.

### Supplier's details

**Supplier Address**  
Sun Products Corporate Office  
60 Danbury Road  
Wilton, CT 06897  
USA

**Manufacturer Address**  
Sun Products Corporate Office  
60 Danbury Road  
Wilton, CT 06897  
USA

### Emergency telephone number

**Company Phone Number** General - 1-800-776-6702 (Monday – Friday, 8:30AM to 6:00PM EST)  
**Company Emergency Phone Number** Prosar: 1-800-565-5597 (24 hours)  
**Emergency telephone** Chemtrec (US/CA) 1-800-424-9300 (24 hour)  
Poison Control 1-800-222-1222 (24 hour)

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2
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### GHS Label elements, including precautionary statements

#### **Emergency Overview**

**Warning**

**Hazard Statements**

Causes serious eye irritation



**Appearance** FREE-FLOWING POWDER

**Physical state** powder

**Odor** Floral

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear eye/face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**Hazards not otherwise classified (HNOC)**

**Other information**

- May be harmful if swallowed
- May be harmful in contact with skin

General Hazards

No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Sodium carbonate	497-19-8	30 - 70	*
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES, SODIUM SALTS	68081-81-2	5 - 10	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

**General advice**

Immediate medical attention is required.

**Eye contact**

Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact**

Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Toxic - Inhalation**

Move to fresh air. Call a physician or Poison Control Center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion**

Immediate medical attention is required. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or Poison Control Center immediately.

**Protection of First-aiders**

Use personal protective equipment. Avoid contact with skin, eyes and clothing.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**Hazardous Combustion Products** No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**Advice for emergency responders** For personal protection see section 8.

**Environmental precautions**

**Environmental precautions** Do not allow material to contaminate ground water system. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Avoid dust formation. Dam up. After cleaning, flush away traces with water.

**7. HANDLING AND STORAGE**

### **Precautions for safe handling**

#### **Advice on safe handling**

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation at machinery.

### **Conditions for safe storage, including any incompatibilities**

#### **Technical measures/Storage conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

#### **Packaging material**

Keep consumer product in packaging product is initially sold in.

#### **Incompatible products**

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

#### **Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### **Appropriate engineering controls**

#### **Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems.

### **Individual protection measures, such as personal protective equipment**

#### **Eye/Face Protection**

Tightly fitting safety goggles. Face-shield.

#### **Skin and body protection**

No special protective equipment required.

#### **Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### **Hygiene measures**

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing. Avoid contact with skin, eyes and clothing. For environmental protection, remove and wash all contaminated protective equipment before re-use. Wear suitable gloves and eye/face protection.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Physical and chemical properties**

#### **Physical state**

powder

#### **Appearance**

FREE-FLOWING POWDER

#### **Color**

white

#### **Odor**

Floral

#### **Odor threshold**

No information available

#### **Property**

#### **Values**

#### **Remarks • Method**

#### **pH**

0.000

PH - 1% SOLUTION

#### **Melting point**

No information available

#### **Boiling point/boiling range**

> 212 °C / 414 °F

#### **Flash Point**

No information available

<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limits in Air</b>	
<b>Upper Flammability Limit</b>	No information available
<b>Lower Flammability Limit</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	No information available
<b>Water solubility</b>	Soluble in water
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity, kinematic</b>	50
<b>Viscosity, dynamic</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing Properties</b>	No information available

#### Other information

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content(%)</b>	No information available
<b>Density VALUE</b>	0.470
<b>Bulk Density VALUE</b>	No information available

## 10. STABILITY AND REACTIVITY

#### Reactivity

#### **Chemical stability**

Stable under recommended storage conditions.

#### **Possibility of hazardous reactions**

None under normal processing.

**Hazardous Polymerization**      None under normal processing.

#### **Conditions to Avoid**

Exposure to air or moisture over prolonged periods.

#### **Incompatible Materials**

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

#### **Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

#### **Product Information**

<b>Toxic - Inhalation</b>	There is no data available for this product.
<b>Eye contact</b>	There is no data available for this product.
<b>Skin contact</b>	There is no data available for this product.
<b>Ingestion</b>	There is no data available for this product.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate 497-19-8	= 4090 mg/kg ( Rat )	2210 mg/kg ( rat )	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES, SODIUM SALTS 68081-81-2	1000 mg/kg ( Rat )	1000 mg/kg ( Rabbit )	

#### Information on toxicological effects

**Symptoms** No information available.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	No information available.
<b>Eye damage/irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Developmental Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic toxicity</b>	Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risks of irreversible effects.
<b>Aspiration hazard</b>	No information available.

#### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 4213 mg/kg  
ATEmix (dermal) 3515 mg/kg

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium carbonate 497-19-8		300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static	265: 48 h Daphnia magna mg/L EC50

#### Persistence and degradability

No information available.

#### Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Sodium carbonate 497-19-8	-
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES, SODIUM SALTS 68081-81-2	-

**Other adverse effects** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment**

<b>Waste Disposal Methods</b>	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
<b>Contaminated packaging</b>	Do not re-use empty containers.
<b>US EPA Waste Number</b>	D002

**California Hazardous Waste Codes** 561

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Sodium carbonate 497-19-8	Corrosive
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES, SODIUM SALTS 68081-81-2	-

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>ATA</b>	Not regulated
<b>IMDG</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>ADN</b>	Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	-
<b>DSL/NDSL</b>	-
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>KECL</b>	-
<b>PICCS</b>	-
<b>AICS</b>	-

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### **Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

#### **U.S. EPA Label information**

EPA Pesticide Registration Number Not applicable

### **16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health hazard</b> 3	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and chemical hazards</b> -
<b>HMIS</b>	<b>Health hazard</b> 3	<b>Flammability</b> 0	<b>Physical Hazard</b> 0	<b>Personal protection</b> X

**Prepared By** Sun Products Corporation

Regulatory Affairs

**Revision Date** 27-May-2015

#### **Revision Note**

No information available

#### **Disclaimer**

The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Sun Products Corporation to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Sun Products Corporation assumes no responsibility for injury to the recipient of third persons, or for any damage to any property resulting from misuse of the product.

**End of Material Safety Data Sheet**