

# Material Safety Data Sheet



## MEMBER'S MARK.

Revision Date 23-Oct-2013

Version 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Label Name** Member's Mark Liquid Laundry Detergent - Fresh Clean 177oz  
**Product name** MEMBERS MARK 2/177Z HDU FRESH CLEAN HE  
**UPC Code** 30078742035766  
**Recommended Use** Laundry detergent liquid for clothes washing machines.

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

**Chemical Emergency Phone Number** Chemtrec 1-800-424-9300 (24 hour)  
Poison Control 1-800-222-1222 (24 hour)

**Company Emergency Phone Number** Prosar: 1-800-565-5597 (24 hours)

**General Questions:** General - 1-800-776-6702 (Monday – Friday, 8:30AM to 6:00PM EST)  
XCONG

### 2. HAZARDS IDENTIFICATION

#### ATTENTION

#### Emergency Overview

May cause central nervous system depression  
Keep out of the reach of children

#### **Potential Health Effects**

See Section 11 for additional Toxicological information.

**Ingestion** May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Do not taste or swallow.

<b>Eyes</b>	May cause slight irritation. Avoid contact with eyes.
<b>Skin</b>	Substance may cause slight skin irritation.
<b>Inhalation</b>	May be harmful if inhaled.
<b>Chronic Effects</b>	Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. May cause adverse liver effects. Contains a known or suspected reproductive toxin.
<b>Aggravated Medical Conditions</b>	Central nervous system. Preexisting eye disorders. Blood disorders. Liver disorders. Overexposure may cause female and male reproductive disorder(s). Skin disorders. Respiratory disorders. Reproductive toxicity.
<b>Environmental hazard</b>	See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients as defined by the OSHA Hazard Communication Standard (29CFR § 1910.1200).

Chemical Name	CAS-No	Weight %
C12-C15 Alcohol Ethoxylate	68131-39-5	7-13
Sodium Laureth Sulfate	68585-34-2	5-10
Fatty Acids, 2-Sulfo, 1-Methyl Ester, Sodium Salts	149458-07-1	1 - 5 %
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES, SODIUM SALTS	68081-81-2	1 - 5 %
SODIUM BORATE	1330-43-4	1 - 5 %

Under normal consumer household use, this product would not constitute a hazardous product by OSHA definition as OSHA is not applicable to household consumer use.

### 4. FIRST AID MEASURES

<b>General advice</b>	Consult a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center immediately.
<b>Notes to physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable.
<b>Flash point</b>	> 201 °F / > 94 °C
<b>Flammability Limits in Air</b>	
<b>Upper Flammability Limit</b>	No information available
<b>Lower Flammability Limit</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Hazardous Combustion Products</b>	None.

<b>Explosive properties</b>	No information available			
<b>Explosion Limits</b>	No information available			
Upper (UEL)	No information available			
Lower (LEL)	No information available			
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
<b>Unsuitable Extinguishing Media</b>	None.			
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
<b>NFPA</b>	<b>Health Hazard</b> 0	<b>Flammability</b> 1	<b>Stability</b> 0	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health Hazard</b> 0	<b>Flammability</b> 1	<b>Physical Hazard</b> 0	<b>Personal protection -</b>

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation.
<b>Environmental precautions</b>	Try to prevent the material from entering drains or water courses.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Use personal protective equipment. Dam up. Cover liquid spill with sand, earth or other noncombustible absorbent material. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.
<b>Other information</b>	not applicable.

## 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Technical measures/Storage conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
SODIUM BORATE 1330-43-4	STEL: 6 mg/m <sup>3</sup> inhalable fraction TWA: 2 mg/m <sup>3</sup> inhalable fraction	(vacated) TWA: 10 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>
TRIETHANOLAMINE 102-71-6	TWA: 5 mg/m <sup>3</sup>		
Subtilisin 9014-01-1	Ceiling: 0.00006 mg/m <sup>3</sup> as crystalline active enzyme	(vacated) STEL: 0.00006 mg/m <sup>3</sup> 60 min	STEL: 0.00006 mg/m <sup>3</sup> 60 min Subtilisins

NIOSH IDLH: *Immediately Dangerous to Life or Health*

<b>Other Exposure Guidelines</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
<b>Engineering Measures</b>	None under normal use conditions
<b>Personal Protective Equipment</b>	

<b>Eye/Face Protection</b>	No protective equipment is needed under normal use conditions
<b>Skin and body protection</b>	No protective equipment is needed under normal use conditions.
<b>Respiratory protection</b>	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** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	liquid	<b>Appearance</b>	CLEAR LIQUID
<b>Color</b>	blue	<b>Odor</b>	Characteristic
<b>Odor Threshold</b>	No information available	<b>pH</b>	7.8
<b>Specific Gravity</b>	1.06 SPECIFIC GRAVITY - 20C	<b>Density</b>	no data available
<b>Viscosity, kinematic</b>	550 cps	<b>Flash point</b>	> 201 °F / > 94 °C
<b>Method</b>	No information available	<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	no data available	<b>Boiling point/boiling range</b>	no data available
<b>Melting point</b>	no data available	<b>Freezing Point</b>	no data available
<b>Water solubility</b>	Soluble in water	<b>Evaporation rate</b>	no data available
<b>Vapor pressure</b>	no data available	<b>Vapor density</b>	No data available
<b>VOC Content(%)</b>	not applicable		
<b>Flammability Limits in Air</b>		<b>Explosion Limits</b>	
<b>Upper Flammability Limit</b>	no data available	<b>Upper (UEL)</b>	no data available
<b>Lower Flammability Limit</b>	no data available	<b>Lower (LEL)</b>	no data available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Incompatible products</b>	Strong oxidizing agents, strong acids, and strong bases.
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight. Do not freeze.
<b>Hazardous Decomposition Products</b>	None known based on information supplied.
<b>Hazardous Reactions</b>	None known based on information supplied.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

<b>Ingestion</b>	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Do not taste or swallow.
<b>Eye contact</b>	May cause slight irritation. Avoid contact with eyes.
<b>Skin contact</b>	Prolonged skin contact may cause skin irritation.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Product Safety Profile</b>	Product is safe for its intended use based on the formulation, testing results, and the long history of safe consumer use.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
C12-C15 Alcohol Ethoxylate	2 g/kg ( Rat )	2 g/kg ( Rabbit )	
Sodium Laureth Sulfate	2000 mg/kg ( rat )	4000 mg/kg ( rabbit )	

Fatty Acids, 2-Sulfo, 1-Methyl Ester, Sodium Salts	4500 mg/kg ( rat )	>2000 mg/kg ( rat )	
BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES, SODIUM SALTS	1000 mg/kg ( Rat )	1000 mg/kg ( Rabbit )	
SODIUM BORATE	2403 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	

**Chronic toxicity****Chronic toxicity**

Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. May cause adverse liver effects. Contains a known or suspected reproductive toxin.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**NTP: (National Toxicity Program)**

Known - Known Carcinogen

**OSHA: (Occupational Safety & Health Administration)**

X - Present

**Sensitization**

None known.

**Germ Cell Mutagenicity**

None known.

**Reproductive toxicity**

This product does not contain any known or suspected reproductive hazards

**Developmental Toxicity**

None known

**Target Organ Effects**

Blood, Central nervous system, Eyes, Liver, Reproductive system, Respiratory system, Skin

**Interactions with Other Chemicals**

Use of alcoholic beverages may enhance toxic effects

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
SODIUM BORATE	158: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 2.6 - 21.8: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static	340: 96 h <i>Limanda limanda</i> mg/L LC50		1085 - 1402: 48 h <i>Daphnia magna</i> mg/L LC50

**Persistence and degradability**

No data is available on the product itself.

**Bioaccumulation**

Not likely to bioaccumulate.

**Mobility**

Not Determined .

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

**Contaminated packaging** Do not re-use empty containers

**California Waste Status**

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

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** -  
**DSL** -

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

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

**U.S. 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**

<b>Acute Health Hazard</b>	no
<b>Chronic Health Hazard</b>	no
<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Reactive Hazard</b>	no

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

**U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Ethyl alcohol	Carcinogen Developmental

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

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol		X	X		
Ethyl alcohol	X	X	X		

**Mexico**

Mexico - Grade Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
SODIUM BORATE		Mexico: TWA 1 mg/m <sup>3</sup>

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

D2B Toxic materials

**Legend**

NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION**

**Prepared By** Sun Products Corporation  
Regulatory Affairs

**Revision Date** 23-Oct-2013  
**Revision Note** no data available.

**PROTYP****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**