1. PRODUCT AND COMPANY IDENTIFICATION

**Product Label Name**
Wisk Liquid Laundry Detergent Power Blasts Pacs - Original

**Product Name**
SDL MSDS FOR WISK(r) WEBSITE

**Recommended Use**
Laundry single dose liquid pack 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:**
Wisk - 1-800-275-9475 (Monday – Friday, 8:30AM to 6:00PM EST)

2. HAZARDS IDENTIFICATION

**ATTENTION**

**Emergency Overview**
Harmful if swallowed
May cause eye irritation
Keep out of the reach of children
May cause central nervous system depression

**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.

**Eyes**
Irritating to eyes. May cause redness, itching, and pain.

**Skin**
Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.

**Inhalation**
May be harmful if inhaled. Avoid breathing vapors or mists. May cause irritation of respiratory tract.
Chronic Effects
No known effect based on information supplied.

Aggravated Medical Conditions

Environmental hazard
See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS


<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>C12-C15 Alcohol Ethoxylate</td>
<td>68131-39-5</td>
<td>30-60</td>
</tr>
<tr>
<td>BENZENESULFONIC ACID, C10-16-ALKYL DERIVATIVES, SODIUM SALTS</td>
<td>68081-81-2</td>
<td>10-30</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>7-13</td>
</tr>
<tr>
<td>Ethanolamine</td>
<td>141-43-5</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>DISODIUM DISTYRYLBIPHENYL DISULFONATE</td>
<td>27344-41-8</td>
<td>0.1 - 1%</td>
</tr>
</tbody>
</table>

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

General advice
Consult a physician.

Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact
Wash skin with soap and water.

Inhalation
Move to fresh air.

Ingestion
Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center immediately.

Notes to physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties
Not flammable.

Flash point
> 201 °F / > 94 °C

Flammability Limits in Air
Upper Flammability Limit
No information available
Lower Flammability Limit
No information available

Autoignition temperature
No information available

Hazardous Combustion Products
None.

Explosive properties
No information available

Explosion Limits
Upper (UEL)
No information available
Lower (LEL)
No information available
Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media
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**
Ensure adequate ventilation.

**Environmental precautions**
Try to prevent the material from entering drains or water courses.

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

**Methods for cleaning up**
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.

**Other information**
Not applicable.

### 7. HANDLING AND STORAGE

**Advice on safe handling**
Handle in accordance with good industrial hygiene and safety practice.

**Technical measures/Storage conditions**
Keep containers tightly closed in a dry, cool and well-ventilated place.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanolamine</td>
<td>STEL: 6 ppm</td>
<td>TWA: 3 ppm</td>
<td>IDLH: 30 ppm</td>
</tr>
<tr>
<td>141-43-5</td>
<td>TWA: 3 ppm</td>
<td>TWA: 6 mg/m³</td>
<td>TWA: 3 ppm</td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 3 ppm</td>
<td>(vacated) STEL: 6 ppm</td>
<td>(vacated) TWA: 3 ppm</td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 8 mg/m³</td>
<td>(vacated) STEL: 6 ppm</td>
<td>(vacated) STEL: 15 mg/m³</td>
</tr>
<tr>
<td>Subtilisin</td>
<td>Ceiling: 0.00006 mg/m³ as crystalline active enzyme</td>
<td>(vacated) STEL: 0.00006 mg/m³ 60 min</td>
<td>StEL: 0.00006 mg/m³ 60 min Subtilisins</td>
</tr>
<tr>
<td>9014-01-1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NIOSH IDLH: Immediately Dangerous to Life or Health

**Other Exposure Guidelines**
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Engineering Measures**
None under normal use conditions

**Personal Protective Equipment**

- **Eye/face Protection**: No protective equipment is needed under normal use conditions
- **Skin and body protection**: No protective equipment is needed under normal use conditions.
- **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
Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Blue</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.02 SPECIFIC GRAVITY - 25°C</td>
</tr>
<tr>
<td>Viscosity, kinematic Method</td>
<td>160 cps VISCOSITY - 80°F</td>
</tr>
</tbody>
</table>

- **Appearance**: CLEAR LIQUID
- **Odor**: Floral
- **pH**: 7.6 pH
- **Density**: No data available

**Flash point**: > 201 °F / > 94 °C

**Autoignition temperature**: No information available

**Boiling point/boiling range**: No data available

**Freezing Point**: No data available

**Evaporation rate**: No data available

**Vapor density**: No data available

- **Water solubility**: Soluble in water
- **Vapor pressure**: No data available

- **VOC Content(%)**: 16.35

- **Stability**: Stable under recommended storage conditions.

- **Incompatible products**: Strong oxidizing agents, strong acids, and strong bases.

- **Conditions to Avoid**: Extremes of temperature and direct sunlight. Do not freeze.

- **Hazardous Decomposition Products**: None known based on information supplied.

- **Hazardous Reactions**: None known based on information supplied.

- **Hazardous Polymerization**: Hazardous polymerization does not occur.

### 10. STABILITY AND REACTIVITY

**Flammability Limits in Air**
- **Upper Flammability Limit**: No data available
- **Lower Flammability Limit**: No data available

**Explosion Limits**
- **Upper (UEL)**: No data available
- **Lower (LEL)**: No data available

**Flash point**: > 201 °F / > 94 °C

**Autoignition temperature**: No information available

**Boiling point/boiling range**: No data available

**Freezing Point**: No data available

**Evaporation rate**: No data available

**Vapor density**: No data available

- **Water solubility**: Soluble in water
- **Vapor pressure**: No data available

- **VOC Content(%)**: 16.35

- **Stability**: Stable under recommended storage conditions.

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- **Hazardous Decomposition Products**: None known based on information supplied.

- **Hazardous Reactions**: None known based on information supplied.

- **Hazardous Polymerization**: Hazardous polymerization does not occur.

### 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

**Ingestion**: Harmful if swallowed. Do not taste or swallow. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Eye contact**: Irritating to eyes. Avoid contact with eyes.

**Skin contact**: Causes skin irritation. Prolonged contact may cause redness and irritation. Prolonged or repeated contact may dry skin and cause irritation.

**Inhalation**: May cause irritation of respiratory tract. Avoid breathing vapors or mists. May be harmful if inhaled.

**Product Safety Profile**: Product is safe for its intended use based on the formulation, testing results, and the long history of safe consumer use.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>C12-C15 Alcohol Ethoxylate</td>
<td>2 g/kg ( Rat )</td>
<td>2 g/kg ( Rabbit )</td>
<td></td>
</tr>
</tbody>
</table>
### 12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>19000: 96 h</td>
<td>51600: 96 h</td>
<td></td>
<td>10000: 24 h Daphnia magna mg/L EC50 1000: 48 h</td>
</tr>
<tr>
<td></td>
<td>Pseudokirchneriella subcapitata mg/L EC50</td>
<td>Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h</td>
<td>Daphnia magna mg/L EC50 Static</td>
<td></td>
</tr>
<tr>
<td>Ethanolamine</td>
<td>15: 72 h</td>
<td>227: 96 h</td>
<td></td>
<td>65: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td></td>
<td>Desmodesmus subspicatus mg/L LC50</td>
<td>Pimephales promelas mg/L LC50 flow-through 3684: 96 h</td>
<td>Daphnia magna mg/L EC50 Static</td>
<td></td>
</tr>
<tr>
<td>DISODIUM DISTYRYLBIPHENYL DISULFONATE</td>
<td>10: 72 h</td>
<td>76: 96 h</td>
<td></td>
<td>1000: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td></td>
<td>Desmodesmus subspicatus mg/L EC50</td>
<td>Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h</td>
<td>Daphnia magna mg/L EC50 Static</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brachydanio rerio mg/L LC50 Static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 Static 114 - 196: 96 h</td>
<td>Daphnia magna mg/L EC50 Static</td>
<td></td>
</tr>
</tbody>
</table>

### Chronic toxicity

**Chronic toxicity**
No known effect based on information supplied. May produce an allergic reaction.

**Carcinogenicity**
Contains no ingredients above reportable quantities listed as a carcinogen

**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**
Central nervous system, Eyes, Respiratory system, Skin

**Interactions with Other Chemicals**
Use of alcoholic beverages may enhance toxic effects

### Persistence and degradability
No data is available on the product itself.

### Bioaccumulation
Not likely to bioaccumulate.
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.

14. TRANSPORT INFORMATION

DOT
Not regulated

TDG
Not regulated

MEX
Not regulated

IATA
Not regulated

IMDG
Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>DSL</td>
<td>Complies</td>
</tr>
</tbody>
</table>

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - 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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>no</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>no</td>
</tr>
</tbody>
</table>

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.

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethanolamine</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Mexico

Mexico - Grade
Slight risk, Grade 1

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanolamine</td>
<td></td>
<td>Mexico: TWA 3 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: TWA 8 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 6 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 15 mg/m³</td>
</tr>
</tbody>
</table>

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

16. OTHER INFORMATION

Prepared By: Sun Products Corporation
Regulatory Affairs

Revision Date: 13-Feb-2013
Revision Note: no data 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