



# SAFETY DATA SHEET

Issue Date: 01-Jun-2010

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Version 1

## 1. IDENTIFICATION

**Product Identifier****Product Name** Shampoo Plus**Other means of identification****SDS #****Other Information** Package type:, 1, 5, 55 gal.**Recommended use of the chemical and restrictions on use****Recommended Use** Heavy Duty Carpet Cleaner**Restrictions on Use** For professional use only. Product is a concentrate and should be diluted prior to use.**Details of the supplier of the safety data sheet****Manufacturer Address**Solar Chemicals Inc.  
3471 Atlanta Industrial Parkway  
Suite 200  
Atlanta, GA 30331**Emergency telephone number****Company Phone Number** 404-699-8766  
1-800-929-1321  
**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

Serious eye damage/eye irritation

Category 2

**Signal Word**

Warning

**Hazard Statements**

Causes severe eye irritation



**Appearance** Clear yellow liquid**Physical State** Liquid**Odor** Cherry**Precautionary Statements – Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

**Precautionary Statements – Response**

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)**

Not Applicable

**Other Information**

Not Applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Pentasodium Triphosphate	7758-29-4	1-3
2-butoxyethanol	111-76-2	4-10
Sodium alkylnaphthalenesulfonate	497-19-8	2-6

**4. FIRST AID MEASURES****First aid measures**

<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Ingestion</b>	Drink plenty of water. Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention immediately.
<b>Skin Contact</b>	Get medical attention if irritation develops or persists.

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

**Symptoms** May cause severe eye irritation.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Dry chemical, CO2 or water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific hazards arising from the chemical**

Not determined.

**Hazardous combustion products** Carbon oxides.**Protective equipment and precautions for firefighters****6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods for cleaning up** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Use personal protection recommended in Section 8.

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

**Storage Conditions** Store locked up. Keep container tightly closed.

**Incompatible materials** None known based on information supplied

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL
2-butoxyethanol 111-76-2	STEL: 50 ppm TWA: 120 ppm	TWA: 50 ppm PEL 50 ppm 240 mg/m3

**Appropriate engineering controls**

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

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

**Eye/face Protection** Use tight fitting, splash proof safety goggles. Contact lenses should not be worn when handling this material. Face Mask.

**Skin and Body Protection** Wear suitable protective clothing and footwear appropriate for the risk of exposure. Wear protective Neoprene™ gloves.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	
<b>Appearance</b>	Clear yellow liquid	<b>Odor threshold</b>	Not determined
<b>Color</b>	Pale Yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	8.0-10.0	
<b>Melting point/freezing point</b>	Not determined	
<b>Flash point</b>	Not determined	
<b>Evaporation rate</b>	Not determined	
<b>Flammability (solid, gas)</b>	Not determined	
<b>Flammability Limits in Air</b>	Not determined	
<b>Upper flammability limits</b>	Not determined	
<b>Lower flammability limits</b>	Not determined	
<b>Vapor pressure</b>	Not determined	
<b>Vapor density</b>	Not determined	
<b>Specific gravity</b>	1.01-1.03	
<b>Water solubility</b>	Not determined	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition in other solvents</b>	Not determined	
<b>Partition coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic viscosity</b>	Not determined	
<b>Explosive properties</b>	Not determined	
<b>Oxidizing properties</b>	Not determined	

### Other Information

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Keep out of reach of children.

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information**

<b>Inhalation</b>	May cause irritation to the mucous membranes and upper respiratory tract.
<b>Eye contact</b>	Causes severe eye irritation.
<b>Skin Contact</b>	Repeated skin contact may result in drying, cracking, and inflammation
<b>Ingestion</b>	May cause irritation

**Component Information**

Chemical Name	Oral	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Pentasodium Triphosphate (7758-29-4)	= 3120 mg/kg ( Rat )	-	-
Sodium Alkyl Naphthalenesulfonate (26264-58-4)	>5000 mg/kg ( Rat )	-	-
2-butoxyethanol (111-76-2)	1300 mg/kg ( Rat )	2000 mg/kg (Rat)-	4.9 mg/l 3hr (Rat)-

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity – Product**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Alkyl Naphthalenesulfonate (26264-58-4)	EC50:>100 mg/l algae			
2-butoxyethanol (111-76-2)		96hr LC50 (fish): 1474 mg/l (Oncorhynchus mykiss)		

**Persistence and degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other adverse effects** Not determined

### 13. DISPOSAL CONSIDERATIONS

#### **Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

### 15. REGULATORY INFORMATION

#### **International Inventories**

Not determined

#### **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 Chemical Substances/European 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

#### **U.S. Federal Regulations**

Chemical Name	CAS No	Weight-%
2-butoxyethanol	111-76-2	<10

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

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

#### **U.S. State Regulations**

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-butoxyethanol (111-76-2)	X	X	X

#### **U.S. EPA Label Information**

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health hazards</b> 1	<b>Flammability</b> 0	<b>Physical hazards</b> 1	<b>Personal protection</b> X

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**Revision Note:** Corrections

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**