



# Material Safety Data Sheet

Revision Date 23-Jul-2013

Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Label Name** Snuggle Exhilarations Ultra Liquid Fabric Softener - Wild Orchid 946 mL Canada  
**Product name** SNUGGLE CAN 9/946ML FSU WILD ORCHID  
**UPC Code** 10072613452849  
**Recommended Use** Fabric Softener 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:** Snuggle - 1-800-298-1879 (Monday – Friday, 8:30AM to 6:00PM EST)

## 2. HAZARDS IDENTIFICATION

### CAUTION!

#### Emergency Overview

Irritant  
Keep out of the reach of children  
Irritating to eyes  
Irritating to skin  
May cause skin irritation and/or dermatitis  
Vapors may be irritating to eyes, nose, throat, and lungs  
May cause central nervous system depression

### Potential Health Effects

See Section 11 for additional Toxicological information.

**Ingestion** Ingestion causes burns of the upper digestive and respiratory tracts. Can burn mouth, throat, and stomach. Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Do not taste or swallow.

**Eyes** Causes burns. Corrosive to the eyes and may cause severe damage including blindness. Risk of serious damage to eyes. Avoid contact with eyes. May cause redness, itching, and pain.

**Skin** Causes burns. Avoid contact with skin. Prolonged or repeated contact may dry skin and cause irritation. Prolonged skin contact may cause skin irritation.

**Inhalation** Harmful by inhalation. May be harmful if inhaled. Avoid breathing vapors or mists.

**Chronic Effects** 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. 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. Avoid repeated exposure. Possible risks of irreversible effects. May cause adverse liver effects. Contains a known or suspected reproductive toxin.

**Aggravated Medical Conditions** 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.

**Environmental hazard** 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 %
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	63449-41-2	7-13
Ethyl alcohol	64-17-5	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**

**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.

**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.

**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.

**Protection of First-aiders** Use personal protective equipment. Avoid contact with skin, eyes and clothing.

**5. FIRE-FIGHTING MEASURES**

**Flammable Properties** 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>				
<b>Upper (UEL)</b>	No information available			
<b>Lower (LEL)</b>	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>Specific hazards arising from the chemical</b>	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.			
<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> 3	<b>Flammability</b> 1	<b>Stability</b> 0	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health Hazard</b> 3	<b>Flammability</b> 1	<b>Physical Hazard</b> 0	<b>Personal protection -</b>

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	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.
<b>Environmental precautions</b>	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.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly. Use personal protective equipment. Dam up. Cover liquid spill with sand, earth or other noncombustible absorbent material. After cleaning, flush away traces with water.
<b>Other information</b>	Refer to protective measures listed in Sections 7 and 8.

**7. HANDLING AND STORAGE**

<b>Advice on safe handling</b>	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.
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**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.

**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>
Glutaraldehyde 111-30-8	Ceiling: 0.05 ppm activated and inactivated	(vacated) Ceiling: 0.2 ppm (vacated) Ceiling: 0.8 mg/m <sup>3</sup>	Ceiling: 0.2 ppm Ceiling: 0.8 mg/m <sup>3</sup>
Methyl Alcohol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup> (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>

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** Tightly fitting safety goggles Face-shield  
**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** Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke. 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**

<b>Physical state</b>	liquid	<b>Appearance</b>	OPAQUE LIQUID
<b>Color</b>	pink	<b>Odor</b>	Floral
<b>Odor Threshold</b>	No information available	<b>pH</b>	3.500 pH.
<b>Specific Gravity</b>	0.992 SPECIFIC GRAVITY - 20C	<b>Density</b>	no data available
<b>Viscosity, kinematic Method</b>	200.000 cps viscosity No information available	<b>Flash point</b>	> 201 °F / > 94 °C
<b>Decomposition temperature</b>	no data available	<b>Autoignition temperature</b>	No information available
<b>Melting point</b>	no data available	<b>Boiling point/boiling range</b>	no data available
<b>Water solubility</b>	Soluble in water	<b>Freezing Point</b>	no data available
<b>Vapor pressure</b>	no data available	<b>Evaporation rate</b>	no data available
<b>VOC Content(%)</b>	1.84	<b>Vapor density</b>	No data available

**Flammability Limits in Air**

**Explosion Limits**

<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>	Incompatible with strong acids and bases. Incompatible with oxidizing agents.
<b>Conditions to Avoid</b>	Exposure to air or moisture over prolonged periods.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors.
<b>Hazardous Reactions</b>	None known based on information supplied.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity</b>	
<b>Ingestion</b>	Harmful if swallowed. Ingestion causes burns of the upper digestive and respiratory tracts. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Can burn mouth, throat, and stomach. Do not taste or swallow.
<b>Eye contact</b>	Avoid contact with eyes. Causes burns. Corrosive to the eyes and may cause severe damage including blindness.
<b>Skin contact</b>	Avoid contact with skin. Prolonged skin contact may cause burns. Prolonged contact may cause redness and irritation. Prolonged or repeated contact may dry skin and cause irritation.
<b>Inhalation</b>	Avoid breathing vapors or mists. Harmful by inhalation.
<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
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides		1420 mg/kg ( Rat )	
Ethyl alcohol	7060 mg/kg ( Rat )		124.7 mg/L ( Rat ) 4 h

**Chronic toxicity**

<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. 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. Avoid repeated exposure. Possible risks of irreversible effects. May cause adverse liver effects. Contains a known or suspected reproductive toxin.
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**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol	A3	Group 1	Known	X

**ACGIH: (American Conference of Governmental Industrial Hygienists)**  
 A3 - Animal Carcinogen  
**IARC: (International Agency for Research on Cancer)**  
 Group 1 - Carcinogenic to 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**  
 Harmful to aquatic organisms

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Ethyl alcohol		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static

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

**Bioaccumulation** Not likely to bioaccumulate.

**Mobility** Not Determined .

Chemical Name	log Pow
Ethyl alcohol	-0.32

**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.

Chemical Name	California Hazardous Waste Status
Ethyl alcohol	Toxic Ignitable

**14. TRANSPORT INFORMATION**

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies

**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>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Reactive Hazard</b>	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, 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
Ethyl alcohol	X	X	X		
Glutaraldehyde	X	X	X		
Methyl Alcohol	X	X	X	X	

**Mexico**

Mexico - Grade                          Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
Ethyl alcohol		Mexico: TWA 1000 ppm Mexico: TWA 1900 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  
D2A Very toxic materials



**16. OTHER INFORMATION**

**Prepared By**                          Sun Products Corporation  
Regulatory Affairs

**Revision Date**                          23-Jul-2013  
**Revision Note**                          no data available.  
**Status**                                          0  
**PROTYP**                                          E

**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**