

MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 6/03 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Cotton Clean
 Generic Name: Liquid Laundry Detergent
 Chemical Family: Detergent Blend
 Formula: Proprietary

Supplier's Name:
 ENGLSIDE PRODUCTS INC.
 Supplier's Address:
 355 E. Liberty St., Lancaster, PA 17602
 Supplier's Phone #: 717-397-9497

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Nonionic Surfactant	9016-45-9	30 - 40			
Propylene Glycol	57-55-6	0 to 5			
Fragrance	N/A	0 to 5			
Optical Brightener	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 210 F.
 Vapor Pressure: 20mm Hg @ 68 F.
 % Volatile: 70+
 Solubility in Water: Complete
 Physical Description: Slightly viscous liquid with pleasant odor.

Specific Gravity: 1.035
 Vapor Density (Air=1): >1
 pH: 7.0-8.0
 Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None
 Upper Explosion Limit: N/A
 Lower Explosion Limit: N/A
 Extinguishing Media: N/A
 Special Firefighting Procedures: Non Flammable
 Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable
 Hazards Decomposition Products: Not determined.

Hazardous Polymerization: None
 Incompatibility (Materials to Avoid): Strong acids, oxidizers, e.g. Bleach.

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
 Skin: Slight skin irritant with prolonged contact. May cause redness and dryness.
 Eyes: Moderate eye irritant. Liquid will cause redness, tearing, and possible conjunctivitis.
 Inhalation: N/A
 Ingestion: May cause nausea, vomiting, and cramps.

First Aid Procedures:
 Skin: Flush with water. Seek medical attention if irritation persists.
 Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
 Inhalation: Get to fresh air. Seek medical attention if irritation persists.
 Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: None
 Ventilation Requirements: General local exhaust
 Protective Gloves: Waterproof.
 Eye Protection: N/A
 Other Protective Equipment: N/A

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
 Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:
 No - Fire Hazard
 No - Sudden Release of Pressure Hazard
 No - Reactivity Hazard
 Yes - Immediate (acute) Health Hazard
 No - Delayed (chronic) Health Hazard

Shipping Information:
 FOR CONTAINERS > 1 Gallon : Cleaning Compound
 FOR 1 GALLON CONTAINERS : Cleaning Compound
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

HMIS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)
 This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product