

**MATERIAL SAFETY DATA SHEET**

I-Chemical Product and Company Identification	Product Name	<b>LAUNDRY PACK SOFTENER</b>		Emergency	<b>(800)831-9889</b>
	Product Code	<b>06421</b>		Medical(Collect)	<b>(303)592-1024</b>
	Distributor	<b>AmeriClean Systems, Inc.</b>		Chemtree	<b>(800)424-9300</b>
	Manufacturer	<b>AMERICLEAN SYSTEMS, INC. 26935 NORTHWESTERN HWY, SUITE 400 SOUTHFIELD, MI 48034</b>		Date	<b>07/15/1997</b>
Chemical Family <b>CONCENTRATED LIQUID FABRIC SOFTENER</b>					
II-Composition/Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units	
	<b>ISOPROPANOL (67-63-0) POLYETHOXY QUATERNARY METHYL SULFATE (68410-69-5)</b>	<b>&lt;3 &lt;28</b>	<b>TLV 983; PEL 1230 (STEL) NOT ESTABLISHED</b>	<b>MG/M3</b>	
III-Hazards Identification	Signs and Symptoms of Exposure	A C U T E  C H R O N I C	<b>IRRITATION OF EYES, SKIN, AND MEMBRANES. MAY BE HARMFUL IF SWALLOWED. INHALATION OF MIST MAY CAUSE IRRITATION OF NOSE, THROAT, AND PULMONARY MEMBRANES.</b>		
			<b>SAME AS ACUTE</b>		
	HMIS: Health <b>2</b> Flammability <b>1</b> Reactivity <b>0</b> Personal Protection <b>B</b>				
	Conditions Aggravated <b>SENSITIVE SKIN; MIST MAY AGGRAVATE RESPIRATORY DISEASE.</b>				
	Carcinogen Info <b>NONE</b> NTP IARC OSHA				
	Target Organs or Systems				
	Routes of Exposure: Inhalation <input type="checkbox"/> Skin <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/>				
IV-First Aid Measures	Inhalation	<b>IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.</b>			
	Eyes	<b>IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER. GET MEDICAL ATTENTION.</b>			
	Skin	<b>FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.</b>			
	Ingestion	<b>GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE GLUIDS BY MOUTH OR INDUCE VOMITING IN AN UNCONSCIOUS PERSON.</b>			
V-Fire Fighting Measures	Fire Control Measures/Equipment	<b>WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS.</b>			
	Flammable Property Info				
	Explosion Info	<b>RESIDUE MAY BURN IF ALL LIQUID IS EVAPORATED BY HEAT AND FIRE.</b>			
	Extinguishing Media	<b>WATER, WATER FOG</b>			
	Gases				

**Send To:**


**06421 LAUNDRY PACK SOFTENER – LPS 800**

VI-Accidental Measures	<p>Spill and Leak Clean Up Procedures      <b>CAUSES VERY SLIPPERY SURFACES IF SPILLED. CONTAIN SPILL, MOP UP OR DILUTE WITH WATER, AND DISCHARGE TO A SANITARY SEWER. LARGE AMOUNTS SHOULD BE PACKAGED AND DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.</b></p> <p>Environmental Precautions</p>																											
VII-Handling and Storage	<p>Ventilation Required?      <b>NONE</b>      Instructions      <b>NORMAL AIR DILUTION</b></p> <p>Safe Storage, Handling and Use Instructions      <b>KEEP CONTAINER CLOSED. STORE AWAY FROM OPEN FLAME. KEEP FROM FREEZING. DO NOT MIX WITH ACID. DO NOT STORE WITH FOOD.</b></p> <p>Incompatible Materials</p>																											
VIII-Exposure Controls/Personal Protection	<p>Protective Gloves      <b>CHEMICALLY RESISTANT</b></p> <p>Eye Protection      <b>SAFETY GLASSES, SPLASH GOGGLES, OR FACE SHIELD</b></p> <p>Respiratory Protection      <b>USUALLY NOT REQUIRED, UNLESS BREATHING DIFFICULTY IS EXPERIENCED.</b></p> <p>Other Protective Clothing/Equipment      <b>CHEMICALLY RESISTANT CLOTHING AND FOOTWEAR. SAFETY SHOWER/EYE WASH.</b></p>																											
IX-Physical and Chemical Properties	<p>Characteristics of Hazardous Chemical</p> <table border="1"> <tr> <td>Vapor Pressure</td> <td><b>22.6</b></td> <td>MmHg@</td> <td><b>20</b></td> <td>°C</td> <td>Vapor Density (Air=1)</td> <td><b>N/A</b></td> <td>pH</td> <td>Water Solubility</td> <td><b>100</b></td> <td>%</td> </tr> </table> <p>Appearance &amp; Odor      <b>LIGHT BLUE OPAQUE LIQUID, SLIGHT ALCOHOL ODOR</b></p> <table border="1"> <tr> <td>Boiling Point</td> <td><b>214</b></td> <td>°F</td> <td>Melting Point</td> <td>°F</td> <td>Flammability Limits in Air by Volume: Upper</td> <td><b>NONE</b></td> <td>Lower</td> <td><b>NONE</b></td> </tr> </table> <table border="1"> <tr> <td>Flash Point</td> <td><b>152</b></td> <td>°F</td> <td>Auto Ignition</td> <td><b>N/A</b></td> <td>°F</td> <td>Oxidizing Properties</td> </tr> </table> <p>Specific Gravity      <b>0.99</b>      Volatile by Volume      <b>79</b>      %</p> <p>Evaporation Rate (n-Butyl Acetate=1)      <b>&lt;1</b></p>	Vapor Pressure	<b>22.6</b>	MmHg@	<b>20</b>	°C	Vapor Density (Air=1)	<b>N/A</b>	pH	Water Solubility	<b>100</b>	%	Boiling Point	<b>214</b>	°F	Melting Point	°F	Flammability Limits in Air by Volume: Upper	<b>NONE</b>	Lower	<b>NONE</b>	Flash Point	<b>152</b>	°F	Auto Ignition	<b>N/A</b>	°F	Oxidizing Properties
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X-Stability and Reactivity	<p>Peroxide, Pyrophoric, Unstable or Water Reactive      <b>NONE</b></p> <p>Reactivity and Hazardous Polymerization      <b>NONE KNOWN</b></p> <p>Possible Hazardous Reactions</p> <p>Conditions to Avoid</p> <p>Materials To Avoid      <b>STRONG OXIDIZERS OR POWDERED CHLORINATED CLEANERS, OR ACIDS.</b></p> <p>Hazardous Decomposition Products      <b>OXIDES OF CARBON</b></p>																											
XI-Toxicological Information																												
XII-Ecological Information	<p>Possible Effects and Environmental Fate</p> <p>Degradability</p> <p>Aquatic Toxicity</p>																											
XIII-Disposal Considerations	<p>Method of Disposal, Residues and Safe Handling      <b>USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. CONTAINS NO PHOSPHORUS.</b></p> <p>Disposal of Contaminated Material</p>																											
XIV-Transport Information	<b>COMPOUND, SOFTENER FABRIC OR TEXTILE, N.O.I., LIQUID</b>																											
XV-Regulatory Information																												
XVI-Other Information																												
S.A.R.A. Title III Section 313	<b>ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.</b>																											
State Right to Know Information	<b>ISOPROPYL ALCOHOL – CAS #67-63-0</b> <b>WATER – CAS #7732-18-5</b> <b>SODIUM CHLORIDE – CAS #7647-14-5</b> <b>POLYETHOXY QUATERNARY METHYL SULFATE – CAS #68410-69-5</b> <b>SODIUM DIAMINOSTILBENE SULFONATE – CAS #27344-41-8</b>																											