

MATERIAL SAFETY DATA SHEET

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I. GENERAL			
TRADE NAME:	Crystal Clear	EMERGENCY TELEPHONE NUMBER	
OTHER NAMES:		1-(800) 255-3924	
CHEMICAL FAMILY:	Detergent Blend	DOT Hazardous Materials Proper Shipping Name	
GENERIC NAME:	Liquid Soap	UN/NA ID No.:	Not Regulated
II. HAZARDOUS COMPONENTS			
(this may not be a complete list of components)			
Component Name	CAS #	Exposure Limits in Air	
No ingredients identified by OSHA as hazardous are known to be present		TLV (ACGIH)	STEL PEL (OSHA)
#Listed by: 1=IARC 2=EPA 3=GISO 4=CAL/OSHA Compositions are typical values, not specifications.			
III. SUMMARY OF HAZARDS			
ACUTE HEALTH-			
CHRONIC HEALTH-			
NFPA Rating:	Health: <input style="width: 50px; text-align: center;" type="text" value="1"/>	Fire: <input style="width: 50px; text-align: center;" type="text" value="0"/>	Reactivity: <input style="width: 50px; text-align: center;" type="text" value="0"/>
(4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant)			
FIRE AND EXPLOSION			
Flash Point (Method)	Autoignition Temperature	Flammable Limits (%Volume in air)	
N/A	NA - Not Applicable	Lower-	NA
		Upper-	NA
UNUSUAL FIRE AND EXPLOSION HAZARD: None			
EXTINGUISHING MEDIA:	Foam	Water Spray	Alcohol Foam
	CO2	Dry Chemical	Other
SPECIAL FIREFIGHTING PROCEDURES: None			
V. HEALTH HAZARDS			
INHALATION	Material is completely soluble and will be carried away by normal body processes. Consult physician if liquid is inhaled into lungs.		
EYE CONTACT	Mildly irritating to eyes.		
SKIN ABSORPTION			
SKIN IRRITATION	Has a drying effect on skin		
INGESTION	Can cause diarrhea.		
SUMMARY OF ACUTE HAZARDS AND SPECIAL HEALTH EFFECTS			
VI. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES			
RESPIRATORY			
EYE	Slash proof safety goggles should be used. Contact lenses should not be worn while working with chemicals.		
SKIN			
ENGINEERING CONTROLS			
OTHER HYGIENIC AND WORK PRACTICES	Eye bath and safety showers should be available to employees.		

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VII EMERGENCY AND FIRST AID			
INHALATION	Move exposed person to fresh air. Keep warm and at rest.		
EYE CONTACT	Wash eyes with large amounts of water for 15 min., lifting upper and lower lids occasionally.		
SKIN CONTACT	Wash skin with water on contact.		
INGESTION	Induce vomiting and consult a physician.		
Note: Never give anything by mouth to an unconscious person.			
SUSPECTED CANCER AGENT			
AGGRAVATED CONDITIONS			
VIII SPILL AND DISPOSAL			
PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED	Wash with water, foams profusely Avoid excessive skin contact.		
WASTE DISPOSAL METHODS	Neutral solutions may be flushed to a sanitary sewer connection with plenty of water if permitted by local regulations. Material is biodegradable, dispose of according to local regulations for non-hazardous biodegradable detergents.		
X PHYSICAL AND CHEMICAL DATA			
Boiling Point	212°F	Viscosity Units, Temp. (Method)	Percent VOC
Freezing Point	32°F	Vapor Pressure (mmHg @20°C)	Evaporation rate (Water = 1)
Specific Gravity (HOH=1)	1.02	Vapor Density (Air=1 @ 100°F)	1.00
Solubility in Water (g/100g water @20°C)	Soluble	pH-conc. 7.1 pH -dilute 7.5	Stable X Unstable
Other Physical and Chemical Properties	Chemical Reactivity		Stable
Appearance and Odor	Dark Blue liquid with a strong floral odor.		
Materials to Avoid			
Conditions to Avoid			
Hazardous Decomposition Products	None		
XI ADDITIONAL PRECAUTIONS			
HANDLING, STORAGE AND DECONTAMINATION PROCEDURES			
GENERAL COMMENTS			
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Crystal Clear

XII

MSDS ABBREVIATIONS AND EXPLANATIONS

These abbreviations are used in most of the material safety data sheets. Please take the time to familiarize yourself with them to help simplify the information.

ACGIH	American Conference of Governmental Industrial Hygienists
CAS No.	Chemical Abstracts Service registration number
DOT	Department of Transportation
EPA	Environmental Protection Agency
IARC	International Agency for Research of Cancer
IDLH	Immediately Dangerous to Life or Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TCC	Tagliabue Closed Cup
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN/NA ID no.	Transportation ID number for hazardous materials

FIRST AID EQUIPMENT AND SUPPLIES

The following list contains the minimum recommended supplies to provide first aid to injured victims in the case of a chemical emergency. Please take the time to purchase, organize and familiarize yourself with this equipment.

eye wash bottle	a bucket	hot and cold faucets	towels
cold shower	two blankets	a cot	strong pair of scissors
spoon	drinking glass	soap	

Also keep available: Dry dressing, lime water, milk of magnesia, mineral oil, powdered milk, powdered eggs, vinegar, salt and fuller's earth.

We have found the book FIRST AID FOR CHEMICAL ACCIDENTS by Marc J. Lefèvre, M.D.; Van Nostrand Reinhold Co to be very informative and would also recommend keeping a copy on hand.

THE TELEPHONE NUMBER OF THE NEAREST POISON CONTROL CENTER CAN BE FOUND IN THE FRONT OF YOUR LOCAL PHONE DIRECTORY