



**MATERIAL SAFETY DATA SHEET**  
M.S.D.S. Prepared to comply with O.S.H.A.  
Hazard Communication Standard,  
29 CFR 1910.1200

<b>HAZARD RATING</b>	
0 = Insignificant	Health 3
1 = Slight	Fire 0
2 = Moderate	Reactivity 0
3 = High	
4 = Extreme	

PROD NAME: **CRYSTAL LIQUID** Prod No.: 567 Date Revised: 7/2004

**SECTION I: MANUFACTURER'S INFORMATION**

Manufactured By: <b>LAWTON BROS., INC.</b>	<b>EMERGENCY PHONE NO.: INFOTRAC 1-800-535-5053</b>
Street Address: <b>2515 Dinneen Ave.</b>	Information Phone No.: 1-407-291-2501
Mailing Address: <b>P.O. Box 547635</b>	Product Type: MACHINE DISHWASH
City/State/Zip <b>Orlando, FL. 32854-7635</b>	Formula Type: ALKALINE BLEND

**SECTION II: HAZARDOUS INGREDIENT INFORMATION**

<b>HAZARDOUS COMPONENTS</b>	<b>C.A.S. REG NOS.</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>WT.% MAX</b>
<b>POTASSIUM HYDROXIDE</b>	1310-58-3	2 mg per m <sup>3</sup>	2 mg per m <sup>3</sup>	20.00
<b>SODIUM METASILICATE</b>	6834-92-0	NOT EST	NOT EST	5.00

HAZARDOUS COMPONENTS LISTED ARE SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III AND 40 CFR PART 372.

**SECTION III: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b> > 100°C	<b>Evaporation Rate vs H<sub>2</sub>O:</b> NA	<b>Viscosity:</b> WATER THIN	<b>Specific Gravity:</b> 1.272
<b>Freezing Point:</b> < 0°C	<b>Vapor Density vs Air:</b> NA	<b>Solubility in H<sub>2</sub>O:</b> COMPLETE	<b>pH @ 25°C:</b> 13.5 ± .5

Appearance and odor: CLEAR, WATER THIN, ODORLESS LIQUID.

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

Flash Point (method used): NOT FLAMMABLE OR COMBUSTIBLE.	Flammable Limits	LEL	UEL
Extinguishing Media: NA			
Special Fire Fighting Procedure: NA			
Unusual Fire & Explosion Hazards: COMBUSTION MAY RELEASE HAZARDOUS PRODUCTS.			

**SECTION V: REACTIVITY DATA**

Stability: STABLE	Incompatibility: DO NOT MIX WITH ANY OTHER CHEMICALS NOT RECOMMENDED ON LABEL.
Hazardous Decomposition Products (thermal): ORGANIC ACIDS AND OXIDES OF CARBON AND NITROGEN.	

**SECTION VI: HEALTH HAZARDS, SIGNS OF OVEREXPOSURE OR ACCIDENTAL CONTACT**

Eyes: CORROSIVE TO CORNEAL TISSUE. WILL CAUSE IMMEDIATE CORNEA DAMAGE. REDNESS AND SHARP EYE PAIN ARE SYMPTOMATIC.
Skin: CORROSIVE TO SKIN TISSUE. WILL CAUSE CHEMICAL BURNS.
Inhalation: NOT A NORMAL ROUTE OF ENTRY. IF LIQUID IS INHALED, COUGHING AND SEVERE THROAT OR LUNG PAIN ARE SYMPTOMATIC.
Swallowing: CORROSIVE TO ALL INTERNAL BODY TISSUES. SEVERE STOMACH PAIN, HEADACHE AND NAUSEA MAY BE SYMPTOMATIC.
Carcinogenicity: THIS PRODUCT IS NOT A SUSPECTED CARCINOGEN BASED ON COMPONENT DATA.

**SECTION VII: EMERGENCY FIRST AID PROCEDURES**

Eyes: FLUSH WITH COOL WATER FOR 15 MINUTES. GET <b>IMMEDIATE</b> MEDICAL HELP.
Skin: NEUTRALIZE WITH VINEGAR OR LEMON JUICE. RINSE WITH WATER.
Inhalation: REMOVE FROM AFFECTED AREA. IF SHOWING EXPOSURE SYMPTOMS, GET <b>IMMEDIATE</b> MEDICAL HELP.
Swallowing: DO NOT INDUCE VOMITING. DRINK SMALL AMOUNT OF DILUTE VINEGAR OR LEMON JUICE TO NEUTRALIZE. GET <b>IMMEDIATE</b> MEDICAL HELP.

**SECTION VIII: PERSONAL PROTECTION INFORMATION**

Protective Equipment: IT IS RECOMMENDED TO WEAR RUBBER GLOVES AND PROTECTIVE EYEWEAR WHEN USING THIS OR ANY CHEMICAL CLEANING PRODUCT. IF SPRAY APPLYING, VENTILATION AND BREATHING PROTECTION IS RECOMMENDED.

**SECTION IX: SPILL OR LEAK PROCEDURES**

If Spilled or Released: MOP UP OR USE ABSORBENT SWEEPING COMPOUND. PROPERLY CONTAIN WASTE.
Waste Disposal Method: DISPOSAL SHOULD BE IN ACCORDANCE WITH STATE AND FEDERAL WASTE DISPOSAL LAWS.

**SECTION X: STORAGE AND HANDLING INFORMATION**

STORE IN ORIGINAL CLOSED CONTAINER IN COOL AREA. KEEP OUT OF REACH OF CHILDREN.

**SECTION XI: D.O.T. HAZARD CLASS AND SHIPPING NAME**

Hazard Class: CORROSIVE 8.
Proper Shipping Name: COMPOUNDS CLEANING LIQUID, 8, NA 1760, II (CONTAINS POTASSIUM HYDROXIDE)