



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

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

PROD NAME: **LIFT OFF** Prod No.: 155 Date Revised: 7/2004

SECTION I: MANUFACTURER'S INFORMATION

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

SECTION II: HAZARDOUS INGREDIENT INFORMATION

HAZARDOUS COMPONENTS	C.A.S. REG NOS.	OSHA PEL	ACGIH TLV	WT.% MAX
POTASSIUM HYDROXIDE	1310-58-3	2 mg per m ³	2 mg per m ³	3.00
ETHYLENEGLYCOLMONOBUTYLEETHER	111-76-2	50 ppm	25 ppm	6.00
SODIUM META SILICATE	6834-92-0	NOT EST	NOT EST	2.00

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

Boiling Point: > 100°C	Evaporation Rate vs H ₂ O: NA	Viscosity: WATER THIN	Specific Gravity: 1.058
Freezing Point: < 0°C	Vapor Density vs Air: NA	Solubility in H ₂ O: COMPLETE	pH @ 25°C: 13.3 ± .5

Appearance and odor: CLEAR YELLOW-GREEN LIQUID WITH MILD SOLVENT ODOR.

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 PRODUCTS MAY BE HARMFUL.			

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 CAUSES IMMEDIATE CORNEA DAMAGE. REDNESS AND SHARP EYE PAIN ARE SYMPTOMATIC.
Skin: CORROSIVE TO SKIN TISSUE. WILL CAUSE CHEMICAL BURNS.
Inhalation: INHALATION OF SPRAY MIST. RESPIRATORY IRRITATION OR PAIN MAY BE SYMPTOMATIC.
Swallowing: CORROSIVE TO 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 IMMEDIATE MEDICAL HELP.
Skin: NEUTRALIZE WITH VINEGAR OR LEMON JUICE. RINSE WITH WATER.
Inhalation: REMOVE FROM AFFECTED AREA. IF SHOWING EXPOSURE SYMPTOMS, GET IMMEDIATE MEDICAL HELP.
Swallowing: DO NOT INDUCE VOMITING. DRINK SMALL AMOUNT OF DILUTE VINEGAR OR LEMON JUICE TO NEUTRALIZE. GET IMMEDIATE 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)