



**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 2
1 = Slight	Fire 3
2 = Moderate	Reactivity 0
3 = High	
4 = Extreme	

PROD NAME: **R & U** Prod No.: 278 Date Revised: 8/2004

**SECTION I: MANUFACTURERS 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: <b>CARPET SPOT REMOVER</b>
City/State/Zip <b>Orlando, FL. 32854-7635</b>	Formula Type: <b>ORGANIC SOLVENT BLEND WITH WETTING AGENTS &amp; DEODORIZERS</b>

**SECTION II: HAZARDOUS INGREDIENT INFORMATION**

HAZARDOUS COMPONENTS	C.A.S. REG NOS.	OSHA PEL	ACGIH TLV	WT.% MAX
ISOPROPYL ALCOHOL	67-63-0	400 PPM	400 PPM	55.00
MINERAL SPIRITS (ODORLESS GRADE)	64741-65-7	100 PPM	100 PPM	43.00

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: <b>180°F</b>	Evaporation Rate BuAc=1: <b>1.7</b>	Viscosity: <b>WATER THIN</b>	Specific Gravity: <b>.775</b>
INITIAL			
Freezing Point: <b>NA</b>	Vapor Density Air=1: <b>2.1</b>	Solubility in H <sub>2</sub> O: <b>MISCIBLE</b>	pH @ 25°C: <b>NA</b>

Appearance and odor: **CLEAR, LIGHT AMBER LIQUID WITH ORANGE CITRUS FRAGRANCE.**

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

Flash Point (method used): <b>55°F TCC</b>	Flammable Limits	LEL <b>2.5 @ 79°F</b>	UEL <b>12.1 @ 151°F</b>
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Extinguishing Media: **FLAMMABLE LIQUID, USE WATER FOG, FOAM, CO<sub>2</sub>, OR DRY CHEMICAL.**

Special Fire Fighting Procedure: **DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR, INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.**

Unusual Fire & Explosion Hazards: **FLAMMABLE LIQUID. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.**

**SECTION V: REACTIVITY DATA**

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

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

Eyes: <b>STRONG IRRITANT. MAY CAUSE CORNEAL DAMAGE.</b>
Skin: <b>IRRITANT. REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.</b>
Inhalation: <b>OVEREXPOSURE CAN CAUSE LIVER AND KIDNEY INJURY. DIZZINESS, HEADACHE AND NAUSEA MAY BE SYMPTOMATIC.</b>
Swallowing: <b>STOMACH PAIN, DIZZINESS, HEADACHE AND NAUSEA MAY BE SYMPTOMATIC. INGESTION MAY RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION AND DEATH MAY OCCUR. IF VOMITING, ASPIRATION INTO THE LUNGS MAY RESULT IN ASPIRATION PNEUMONITIS.</b>
Carcinogenicity: <b>THIS PRODUCT IS NOT A SUSPECTED CARCINOGEN BASED ON COMPONENT DATA.</b>

**SECTION VII: EMERGENCY FIRST AID PROCEDURES**

Eyes: <b>FLUSH WITH COOL WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP.</b>
Skin: <b>WASH WITH SOAP AND WATER.</b>
Inhalation: <b>FOR OVEREXPOSURE, REMOVE FROM AFFECTED AREA. IF SYMPTOMS PERSIST, GET MEDICAL HELP.</b>
Swallowing: <b>DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL HELP.</b>

**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: <b>MOP UP OR USE ABSORBENT SWEEPING COMPOUND. PROPERLY CONTAIN WASTE.</b>
Waste Disposal Method: <b>DISPOSAL SHOULD BE IN ACCORDANCE WITH STATE AND FEDERAL WASTE DISPOSAL LAWS.</b>

**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: <b>FLAMMABLE LIQUID</b>
Proper Shipping Name: <b>FLAMMABLE LIQUIDS, N.O.S., 3, UN 1993, II (CONTAINS ISOPROPYL ALCOHOL)</b>