

\*MATERIAL SAFETY DATA SHEET\*

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MEDICAL EMERGENCY ONLY: 1-800-275-0172

DELUX CLEANING SUPPLY LLC  
FT. WORTH, TX 76106

PRODUCT INFORMATION: 1-800-275-0172  
DATE OF ISSUE: 03-01-2010

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1.0 IDENTIFICATION / HMIS RATINGS: LEAST - 0 SLIGHT - 1 MODERATE - 2  
HIGH - 3 EXTREME - 4

1.1 PRODUCT NAME: R-103LX

1.2 PRODUCT TYPE: ORGANIC SOLVENT DEGREASER CLEANER

1.3 HAZARD INFORMATION: ACUTE HEALTH - 1 FIRE - 1 REACTIVITY - 0

2.0 HAZARDOUS COMPONENTS /

		TLV (MG/M3)		
		%	PEL	OTHER
2.1	D-LIMONENE CAS# 5989-27-5	20-27	N/A	N/A
2.2	MIXTURE OF C9-C12 HYDROCARBONS CAS# 64742-88-7	60-58	100	100ppm

THIS PRODUCT CONTAINS NO OTHER COMPONENT CONSIDERED HAZARDOUS  
ACCORDING TO THE CRITERIA OF 29 CFR 1910.1200.

3.0 PHYSICAL DATA /

3.1 APPEARANCE AND ODOR: CLEAR LIQUID WITH ORANGE FRAGRANCE.

3.2 SOLUBILITY IN WATER: EMULSIFIABLE

3.3 Ph: 100% = 7.5 to 8.0

3.4 BOILING POINT: 352 DEGREES

SPECIFIC GRAVITY: .885

3.5 VAPOR DENSITY: 0.012

EVAPORATION RATE: <1 (ETHER =1)

4.0 FIRE AND EXPLOSION DATA /

4.1 SPECIAL FIRE HAZARDS: COMBUSTIBLE LIQUID

4.2 FIRE FIGHTING METHODS: USE CO2 FOAM AND DRY CHEMICAL

4.3 FLASH POINT: 145 DEGREES F.

4.4 FLAMMABLE LIMITS - LOWER: 0.7 UPPER: 6.1

5.0 REACTIVITY DATA /

5.1 STABILITY: STABLE UNDER NORMAL CONDITIONS OF HANDLING.

5.2 CONDITIONS TO AVOID: STRONG OXIDIZERS, AND EXCESSIVE HEAT.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

6.1 CLEANUP: MAXIMIZE VENTILATION. DIKE OR DAM LARGE SPILLS. RECOVER IF POSSIBLE. ADD ADSORBENT MATERIAL TO SOAK UP LIQUID. RINSE AREA THOROUGHLY WITH WATER.

6.2 WASTE DISPOSAL: CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE.

UNK = UNKNOWN AT THIS TIME PEL = PERMISSIBLE EXPOSURE LIMIT  
TLV = THRESHOLD LIMIT VALUE STEL = SHORT TERM EXPOSURE LEVEL  
C = CEILING LIMIT, NOT TO BE EXCEEDED

7.0 HEALTH HAZARD DATA / DANGER

7.1 EFFECTS OF OVEREXPOSURE:

EYES: CAUSES IRRITATION, LOSS OF NATURAL LUBRICATION.

SKIN: PROLONGED CONTACT MAY DEFAT SKIN.

IF SWALLOWED: MAY BE HARMFUL IF SWALLOWED.

IF INHALED: UNDER NORMAL CONDITIONS, VAPOR LEVEL WILL BE TOO LOW TO  
PRESENT INHALATION HAZARD.

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8.0 FIRST AID /

8.1 EYES: FLUSH EYES IMMEDIATELY WITH PLENTY OF COOL RUNNING WATER. REMOVE  
CONTACT LENSES. CONTINUE FLUSHING FOR 15 MINUTES HOLDING EYE LIDS OPEN.

8.2 SKIN: FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER. WASH THOROUGHLY  
WITH SOAP AND WATER.

8.3 IF SWALLOWED: RINSE MOUTH; THEN DRINK 1 OR 2 LARGE GLASSES OF WATER.  
DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN  
UNCONSCIOUS PERSON.

8.4 IF INHALED: MOVE IMMEDIATELY TO FRESH AIR; IF BREATHING IS DIFFICULT,  
ADMINISTER OXYGEN.

IF SWALLOWED OR IN CASE OF PERSISTENT EYE OR SKIN IRRITATION,  
CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.

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9.0 SPECIAL PROTECTION INFORMATION /

9.1 EYES: SPASH PROOF GLASSES, GOGGLES

9.2 SKIN: RUBBER GLOVES, RUBBER APRON

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10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT CLASS: NOT DOT REGULATED.

KEEP OUT OF REACH OF CHILDREN

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT WITH RESPECT TO THE FORMULA  
USED TO MANUFACTURE THE PRODUCT. AS DATA, STANDARDS AND REGULATIONS CHANGE,  
AND CONDITIONS OF USE AND HANDLING ARE BEYOND OUR CONTROL, NO WARRANTY,  
EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF  
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