

L AND R MFG CO -- WATCH RINSING SOLUTION,3

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MSDS Safety Information  
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FSC: 6850  
NIIN: 00-270-9971  
MSDS Date: 02/04/1997  
MSDS Num: BYCLH  
Product ID: WATCH RINSING SOLUTION,3  
MFN: 02  
Responsible Party  
Cage: 17656  
Name: L AND R MFG CO  
Address: 577 ELM  
City: KEARNY NJ 07032-3604  
Info Phone  
Number: 201-991-5330/FAX -5870  
Emergency Phone Number: 201-991-5330  
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Item Description Information  
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Item Manager: S9G  
Item Name: RINSING SOLUTION,WATCH  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: GL  
UI Container Qty: 6  
Type of Container: PLASTIC BOTTL  
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Ingredients  
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Cas: 8052-41-3  
RTECS #: WJ8925000  
Name: STODDARD SOLVENT  
% low Wt: 70.  
% high Wt: 80.  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 500 PPM  
ACGIH TLV: 100 PPM; 9596  
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Cas: 8032-32-4  
RTECS #: OI6180000  
Name: VM&P NAPHTHA (LIGROINE)  
% low Wt: 20.  
% high Wt: 30.  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM; 9596  
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RTECS #: 9999999VC  
Name: VOLATILE ORGANIC CONTENT AS LISTED ON MSDS: 759.8 G/L OR 6.34 LBS

/GAL  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT RELEVANT  
ACGIH TLV: NOT RELEVANT

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Health Hazards Data  
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Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE EYES: DIRECT CONTACT CAUSES IRRITATION, REDNESS AND POSSIBLE TEARING. ACUTE SKIN:PROLONGE D OR REPEATED CONTACT CAUSES REDNESS ABD DRYING O

F THE SKIN. ACUTE INHALATION:BREATHING HIGH CONCENTRATI ONS OF VAPORS MAY CAUSE IRRITATION TO THE NOSE AND DROWSINESS. ACUTE INGESTION:NOT KNOWN, BUT EXPECTED TO CAUSE NAUSEA AND DIARRHEA. CHRONIC EFFECTS:THIS PRODUCT DOES NOT CONTAIN ANY INGRESIENT DESIGN ATED BY IARC, NTP, ACGIH OR OSHA AS PROBABLE OR SUSPECTED HUMAN CARCINOGENS.

Explanation Of Carcinogenicity: THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENT DESIGNED BY IARC, NTP, ACGIH OR OSHA AS POSSIBLE OR SUSPECTED HUMAN CARCINOGE

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Signs And Symptions Of Overexposure: ACUTE EYES: DIRECT CONTACT CAUSES IRRITATION, REDNESS AND POSSIBLE TEARING. ACUTE SKIN:PROLONGE D OR REPEATED CONTACT CAUSES REDNESS ABD DRYING OF THE SKIN. ACUTE INHALATION:BREATHING HIGH CONCENTRATI ONS OF VAPORS MAY CAUSE IRRITATION TO THE NOSE AND DROWSINESS. ACUTE INGESTION:NOT KNOWN, BUT EXPECTED TO CAUSE NAUSEA AND DIARRHEA.

Medical Cond Aggravated By Exposure: SKIN CONTACT MAY AGGREVATE EXISTING SKIN DISEASE.

First Aid: EYE EXPOSURE:HO

LD EYELIDS OPEN AND FLUSH WITH A STEADY, GENTLE

STREAM OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION. SKIN:WASH THOROUGHLY WITH WATER. IF IRRITATION OR REDNESS DEVELOPS, SEEK MEDICAL ATTENTION. INHALATION:IF RESPIRATORY IRRITATION OR DISTREASS OCCURS, MOVE VICTIM TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION OR DISTRESS CONTINUES. INGESTION:SEEK IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

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Handling and Disposal

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Spill Release Procedures: VENTILATE AREA OF SPILL, USE NON-REACTIVE MATERIAL TO PICK UP SPILL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Waste Disposal Methods: THIS MATERIAL IS A FLAMMABLE LIQUID AND MUST BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. IT CANNOT BE DISPOSED OF IN A SANITARY SEWER SYSTEM.

Handling And Storage Precautions: MINIMUM/MAXIMUM STORAGE TEMPERATURE: 39 TO 100 F. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING.

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Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point: =30.C, 86.F

Flash Point Text: 86-88 F

Lower Limits: NO DATA

Upper Limits: NO DATA

Extinguishing Media: EXTINGUISH WITH DRY CHEMICAL, CARBON DIOXIDE (CO2), OR A BC/ABC EXTINGUISHER.

Fire Fighting Procedures: NONE KNOWN.

Unusual Fire/Explosion Hazard: PRODUCT WILL BURN UNDER FIRE CONDITIONS. CLOSED CONTAINERS MAY EXPLODE DUE TO BUILDUP OF PRESSURE WHEN EXPOSED TO EXTREME HEAT. HAZARDOUS DECOMPOSITION MATERIALS:(UNDER FIRE CONDITIONS) OXIDES OF NITROGEN AND CARBON.

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Control Measures

Respiratory Protection: FOR REASONABLE USES OF THIS MATERIAL, RESPIRATORY PROTECTION SHOULD NOT BE NECESSARY.

Ventilation: NORMAL ROOM VENTILATION.

Protective Gloves: RUBBER OR PLASTIC GLOVES

Eye Protection: SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Work Hygienic Practices: NORMAL HYGIENE IN THE WORK AREA SHOULD BE TAKEN WHEN WORKING WITH OR HANDLING THIS PRODUCT.

Supplemental Safety and Health: FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE MFN 1, SAME NSN & CAGE.

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Physical/Chemical Properties

HCC: F3

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Boiling Point: >100.C, 212.F

Vapor Pres: N/E

Vapor Density: N/E

Spec Gravity: 0.81

VOC Pounds/Gallon: 5.67

PH: N/E

Solubility in Water: NIL

Appearance and Odor: WATER WHITE; BLAND SOLVENT ODOR

Percent Volatiles by Volume: 100

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: HEAT, OPEN FLAME.

Materials To Avoid: STRONG ACIDS

Hazardous Decomposition Products: OXIDES OR CARBON AND NITROGEN.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information  
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Toxicological Information: ACUTE EYE IRRITATION: IRRITATING TO THE EYES. ACUTE SKIN IRRITATION: NO TEST DATA FOUND FOR THE PRODUCT. ACUTE DERMAL TOXICITY: NO TEST DATA FOUND FOR THE PRODUCT. ACUTE RESPIRATORY IRRITATION: NO TEST DATA FOUND FOR THE PRODUCT.

ACUTE INHALATION TOXICITY: NO TEST DATA FOUND FOR THE PRODUCT. ACUTE ORAL TOXICITY: LD50 (RAT): >5 GM/KG FOR STODDARD SOLVENT. LD50 (RAT): >5 GM/KG FOR VM & P NAPHTHA. CHRONIC TOXICITY: THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES THAT ARE CONSIDERED BY OSHA, NTP, IARC OR ACGIH TO BE A PROBABLE OR SUSPECTED HUMAN CARCINOGENS.

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Ecological Information  
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Ecological: ECOTOXICOLOGICAL INFORMATION: NO DATA FOUND.

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MSDS Transport Information  
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Transport Information: THIS PRODUCT IS CLASSIFIED AS A FLAMMABLE LIQUID FOR DOMESTIC SHIPMENTS PER 49 CFR. FOR DOMESTIC GROUND SHIPMENTS OF ANY CONTAINER OF 1 GALLON OR LESS, THIS MATERIAL IS LISTED AS ORM-D. FOR ALL OTHER CONTAINERS: COMPOUNDS, CLEANING LIQUID (CONTAINS NAPHTHA PETROLEUM), 3, NA1

993,  
PACKING GROUP II.

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Regulatory Information  
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Sara Title III Information: SARA TITLE III HAZARD CLASS: FIRE HAZARD: YES;  
REACTIVE HAZARD: NO; RELEASE OF PRESSURE. NO. CHRONIC HEALTH PROBLE: NO.  
Federal Regulatory Information: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON  
THE US TSCA CHEMICAL LISTINGS.

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Other Information  
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Other Information: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE CANADIAN  
DSL, EINECS/ELINS CHEMICAL LISTINGS.  
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Transportation Information  
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Responsible Party Cage: 17656  
Trans ID NO: 64563  
Product ID: WATCH RINSING SOLUTION,3  
MSDS Prepared Date: 02/04/1997  
Review Date: 02/24/2000  
MFN: 2  
Tech Entry NOS Shipping Nm: NAPHTHA, PETROL  
EUM  
Net Unit Weight: 6.723 LBS  
Limited Quantity IND: Y  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: 6  
Type Of Container: PLASTIC BOTTL  
Additional Data: PROPER SHIPPING NAME, HAZARD CLASS PER CTFD. PER MSDS: FOR  
DOMESTIC GROUND SHIPMENTS OF ANY CONTAINER OF 1 GALLON OR LESS, THIS MATERIAL  
IS LISTED AS ORM-D. FOR ALL OTHER CONTAINERS: COMPOUNDS, CLEANING LIQUID  
(CONTAINS NAPHTHA, PETROLEUM), 3, NA1993, PG II.

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Detail DOT Information  
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DOT PSN Code: GJL  
Symbols: G  
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.  
Hazard Class: 3  
UN ID Num: UN1993  
DOT Packaging Group: III  
Label: FLAMMABLE LIQUID  
Special Provision: B1, B52, T7, T30  
Packaging Exception: 150  
Non Bulk Pack: 203  
Bulk Pack: 242  
Max Qty Pass: 60 L  
Max Qty Cargo: 220 L  
Vessel Stow Req: A

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Detail IMO Information  
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IMO PSN Code: HIA  
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o  
IMDG Page Number: 3345  
UN Number: 1993  
UN Hazard Class: 3.3  
IMO Packaging Group: III  
Subsidiary Risk Label: -  
EMS Number: 3-07  
MED First Aid Guide NUM: T

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Detail IATA Information

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IATA PSN CA  
IATA UN ID Num: 1993  
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. \*  
IATA UN Class: 3  
IATA L  
Label: FLAMMABLE LIQUID  
UN Packing Group: III  
Packing Note Passenger: 309  
Max Quant Pass: 60L  
Max Quant Cargo: 220L  
Packaging Note Cargo: 310

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Detail AFI Information

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AFI PSN CA  
AFI Symbols: \*  
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1993  
AFI Packing Group: III  
Special Provisions: P5  
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: WATCH RINSING SOLUTION,3  
Cage: 17656  
Company Name: L AND R MFG CO  
Street: 577 ELM  
City: KEARNY NJ  
Zipcode: 07032-3604  
Health Emergency Phone: 201-991-5330  
Label Required IND: Y  
Date Of Label Review: 02/24/2000  
Status Code: C  
Label Date: 11/04/1998  
Year Procured: 2000  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: NO  
Healt

h Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None

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