

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 BOTTLE
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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

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

RTECS #: 9999999VC
Name: VOLATILE ORGANIC CONTENT AS LISTED ON MSDS: 759.8 G/L OR 6.34 LBS/GA

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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 OF T

HE 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 CARCINOGENS.

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:HOLD

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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Handl

ing 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 NITR OGEN 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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ng 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 ETES. ACUTE
SKIN IRRITATION: NO TRST DATA FOUND FOR THE PRODUVT. ACUTE DERMAL TOXICITY:
NO TEST DATA FOUND FOR THE PRODUCT. ACUTE RESPIRATORY IRRITATION: NO TES T
DATA FOUND

FOR THE PRODUCTACUTE INHALATION TOXICITY: NO TEST DATA FOUND FOR
THE PRODUCTACUTE ORAL TOXICITY: LD50 (RAT): >5 GM/KG FOR STODDARD SOLVENT.
LD50 (RAT): >5 GM/KG FOR VM & P NAPHTHA. CHRONI C 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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logical: 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 C
ONTAINERS: COMPOUNDS, CLEANING LIQUID (CONTAINS NAPHTHA PETROLEUM), 3, NA1993

PACKING GROUP II.

Regulatory Information

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.

Other Information

Other Information: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE CANADIAN
DSL, EINECS/ELINS CHEMICAL LISTINGS.

Transportation Information

Responsible Party Code: 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, PETROLEUM

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 BOTTLE
Additional Data: PROPER SHIPPING NAME, HAZARD CLASS PER CTDF. 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.

Detail
DOT Information

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

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 Labe
I: 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
Health H

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

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