

L AND R MFG CO -- GENERAL PURPOSE CLEANER CONCENTRATE-AMMONIA

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MSDS Safety Information
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FSC: 6520
NIIN: 01-153-6144
MSDS Date: 08/13/1992
MSDS Num: BQWNM
Product ID: GENERAL PURPOSE CLEANER CONCENTRATE-AMMONIA
MFN: 01
Responsible Party
Cage: 17656
Name: L AND R MFG CO
Address: 577 ELM
City: KEARNY NJ 0703
2-3604
Info Phone Number: 201-991-5330 FAX: 201-991-5870
Emergency Phone Number: 201-991-5330 OR 800-572-5326
Preparer's Name: PHILIP LANG
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 17656
Name: L AND R MFG CO
Address: 577 ELM
City: KEARNY NJ 07032-3604
Phone: 201-991-5330/800-572-5326

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Item Description Information
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Item Name: CLEANING COMPOUND,ULTRASONIC,DENTAL
Unit of Issue: PG
Quantitative Expression: 0000000004GL
UI Container Qty: 1
Type of Container: PLASTIC BTL

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Ingredients
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Cas: 1336-21-6
RTECS #: BQ9625000
Name: AMMONIUM HYDROXIDE (SARA III)
% Wt: 30-40
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHE

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EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 7732-18-5
RTECS #: ZC0110000
Name: WATER
% Wt: 10-20
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 112-80-1
RTECS #: RG2275000
Name: OLEIC ACID
% Wt: 5-10
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 67-63-0
RTECS #: NT8050000
Name: ISOPROPYL ALCOHOL (SARA III
)
% Wt: 20-25
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM/500 STEL
ACGIH TLV: 400 PPM/500STEL;9293

Cas: 8002-09-3
RTECS #: TK5100000
Name: PINE OIL
% Wt: 5-10
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: PEL=50PPM NH4OH
Route Of Entry Inds - Inhalation: YES
Skin: Y

ES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES:AMMONIA VAPORS WILL IRRITATE

EYES.SKIN:IRRITANT.INGEST:MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT AND CNS DEPRESSION.INHAL:MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT.

Explanation Of Carcinogenicity: AMMONIUM HYDROXIDE HAS BEEN INVESTIGATED BY RTECS 92-4 AS A MUTAGEN.

Signs And Symptions Of Overexposure: SKIN:REDNESS.INGEST:CNS DEPRESSION.

Medical Cond Aggravated By Exposure: PERSONS WITH SKIN DI

SORDERS MAY BE AT

INCREASED RISK FROM EXPOSURE.

First Aid: EYES:FLUSH WITH RUNNING WATER FOR ATLEAST 15 MINUTES.SKIN:WASH WITH

SOAP AND WATER.CALL PHYSICIAN IF IRRITATION PERSISTS.INGEST:DO NOT INDUCE

VOMITING!GIVE LARGE AMOUNTS OF WATER AND SEEK MEDICAL ATTE NTION.INHAL:REMOVE

TO FRESH AIR.IF SYMPTOMS PERSISTS,SEEK MEDICAL ATTENTION.

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Handling and Disposal

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Spill Release Procedu

res: FLUSH AREA WITH WATER.

Neutralizing Agent: NONE

Waste Disposal Methods: MATERIEL IS BIODEGRADABLE.DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL LAWS.

Handling And Storage Precautions: STORE AT ROOM TEMPERATURE,AWAY FROM EXCESS HEAT.PROTECT FROM FREEZING.

Other Precautions: NONE

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Fire and Explosion Hazard Information

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Flash Point Method: TCC

Flash Point Text: 93.0F,33.9C

Extinguishing Media: DRY CHEMICAL,CARBON DIOXIDE,HALON,FOAM OR WATER SPRAY.

Fire Fighting Procedures: SUGGESTS TO USE A SELF-CONTAINED BREATHING APPARATUS WHENEVER FIGHTING A CHEMICAL FIRE.

Unusual Fire/Explosion Hazard: MAY BE AUTOIGNITED.

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Control Measures

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Respiratory Protection: NOT NORMALLY REQUIRED.

Ventilation: USE WITH ADEQUATE VENTILATION.

Protective Gloves: RUBBER GLOVES

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e Protection: SAFETY GLASSES FOR SPLASHING.
Other Protective Equipment: SOURCE OF CLEAN WATER FOR FLUSHING SKIN AND EYES.
Work Hygienic Practices: WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.
Supplemental Safety and Health: NONE

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Physical/Chemical Properties
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HCC: F6
B.P. Text: 212F,100C
Spec Gravity: 0.95
PH: 1
1.5
Solubility in Water: COMPLETE
Appearance and Odor: LIQUID,HAZY;PINK;AMMONIA ODOR
Percent Volatiles by Volume: 85

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HIGH HEAT,SPARKS,FLAMES.
Materials To Avoid: DO NOT USE ON ALUMINUM,MAGNESIUM,CADMIUM OR ZINC.TEST ON
LACQUERS AND PLASTICS BEFORE USING.
Hazardous Decomposition Products: CARBON DIOXIDE,CARBON MON
OXIDE,AMMONIA
VAPORS.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 17656
Trans ID NO: 111514
Product ID: GENERAL PURP

OSE CLEANER CONCENTRATE-AMMONIA

MSDS Prepared Date: 08/13/1992

Review Date: 06/22/1993

MFN: 1

Tech Entry NOS Shipping Nm: ULTRASONIC DENTAL CLEANING

CMPD:NH4OH(30-40%);H2O;OLEIC ACID(5-10);ISO-PR-OH(20-25);PINE OIL(5-10).

Net Unit Weight: 31.6 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: PG

Container QTY: 1

Type Of Container: PLASTIC BTL

Additional Data: NONE

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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: HIP

IMO Proper Shipping

Name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. o

IMDG Page Number: 3346

UN Number: 2924

UN Hazard Class: 3.3

IMO Packaging Group: III

Subsidiary Risk Label: CORROSIVE

EMS Number: 3-02

MED First Aid Guide NUM: 760

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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 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: GENERAL PURPOSE CLEANER CONCENTRATE-AMMONIA

Cage: 17656

Company Name: L AND R MFG CO

Street: 577 ELM

City: KEARNY NJ

Zipcode: 07032-3604

Health Emergency Phone: 201-991-5330 OR 800-572-5326

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautions: EYES:AMMONIA VAPORS WILL IRRITATE

EYES.SKIN:IRRITANT.INGEST:MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT AND CNS

DEPRESSION.INHAL:MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT.

SKIN:REDNESS.INGEST:CNS DEPRESSION.
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particular situation regardless of simila
rity to a corresponding Department
of Defense or other government situation.