General Information

Company's Name: L & F PRODUCTS  
Company's Street: 225 SUMMIT AVE  
Company's City: MONTVALE  
Company's State: NJ  
Company's Country: US  
Company's Zip Code: 07645  
Company's Emerg Ph #: 800-424-9300(CHEMTREC)  
Company's Info Ph #: 201-573-5700  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SMJ  
Date MSDS Prepared: 01JUN93  
Safety Data Review Date: 19JUL94  
MSDS Serial Number: BTZLP  
Hazard Characteristic Code: NK

Ingredients/Identity Information

Proprietary: NO  
Ingredient: FORMALDEHYDE (SARA III)  
Ingredient Sequence Number: 01  
Percent: 0.03  
NIOSH (RTECS) Number: LP8925000  
CAS Number: 50-00-0  
OSHA PEL: SEE 1910.1048  
ACGIH TLV: 0.3 PPM, C

Proprietary: NO  
Ingredient: HYDROCHLORIC ACID; (HYDROGEN CHLORIDE) (SARA III)  
Ingredient Sequence Number: 02  
Percent: 9.5  
NIOSH (RTECS) Number: MW4025000  
CAS Number: 7647-01-0  
OSHA PEL: 5 PPM, C  
ACGIH TLV: 5 PPM, C

Proprietary: NO
Ingredient: ISOPROPYL ALCOHOL
Ingredient Sequence Number: 03
NIOSH (RTECS) Number: NT8050000
CAS Number: 67-63-0
OSHA PEL: 400 PPM; 500 STEL
ACGIH TLV: 400 PPM; 500 STEL

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Proprietary: NO
Ingredient: STYRENE (SARA III)
Ingredient Sequence Number: 04
Percent: 0.06
NIOSH (RTECS) Number: WL3675000
CAS Number: 100-42-5
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM; 100 STEL, S

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Physical/Chemical Characteristics

Appearance And Odor: BLUE-GREEN OPAQUE LIQUID W/WINTERGREEN ODOR.
Specific Gravity: 1.047
Evaporation Rate And Ref: <1 (BUTYL ACETATE=1)
Solubility In Water: COMPLETE
pH: <1

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Fire and Explosion Hazard Data

Flash Point: >200F, >93C
Flash Point Method: TCC
Extinguishing Media: USE WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON
DIOXIDE, AS SUITABLE FOR THE SURROUNDING FIRE.
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT (FP N).
Unusual Fire And Expl Hazards: NONE KNOWN.

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Reactivity Data

Stability: YES
Cond To Avoid (Stability): NONE KNOWN.
Materials To Avoid: DO NOT USE W/CHLORINE BLEACH OR ANY OTHER CHEMICAL
PRODUCTS. FUMES ARE CORROSIVE TO METAL.
Hazardous Decomp Products: MAY EVOLVE SMALL AMOUNTS OF HYDROCHLORIC ACID
FUMES.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT
Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHAL: VAPORS MAY BE IRRITATING TO
RESPIRATORY TRACT. SKIN: PRODUCT IS CORROSIVE, PRODUCES CHEMICAL BURNS.
EYES: THIS PRODUCT IS CORROSIVE. CONTACT COULD RESULT IN PERMANENT INJURY.
INGEST: MAY BE HARMFUL OR FATAL IF SWALLOWED. MAY CAUSE DAMAGE TO
MEMBRANES
OF MOUTH, THROAT & GI TRACT. MATL IS CORR TO (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: HLTH HAZ: MUCOSA OF ABOVE TISSUES.
Med Cond Aggravated By Exp: NONE EXPECTED DURING NORMAL USE PATTERNS OF
PRODUCT. HOWEVER, PRE-EXISTING LUNG DISORDERS MAY BE EXACERBATED
DURING
USE.
Emergency/First Aid Proc: INHAL: REMOVE TO FRESH AIR. SKIN: WASH THORO
W/ SOAP & LG QTYS OF WATER. EYE: IMMED FLUSH THORO W/WATER, REMOVE ANY
CONTACT LENSES & CONTINUE TO FLUSH W/PLENTY OF WATER FOR AT LST 15 MINS.
GET PROMPT MED ATTN. INGEST: DO NOT INDUCE VOMIT. CALL MD IMMED. DRINK LG
QTYS OF WATER, FOLLOWED BY SEVERAL TABLESPOONFULS OF MILK OF
MAGNESIA/EGG
WHITES. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

Precautions for Safe Handling and Use

Steps If Mat Released/Spill: CONCENTRATED MATL SHOULD BE CONTAINED,
COLLECTED & EVALUATED FOR DISP ACCORDING TO STATE & FED HAZ WASTE REGS.
UNDILUTED/CONCENTRATED MATL SHOULD NOT BE FLUSHED TO SEWER. THIS PROD
CONTAINS HYDROCHLORIC ACID WHICH IS SUBJECT TO REPORTING (SUPP DATA)
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF I/A/W LOCAL, STATE & FEDERAL
REGULATIONS. CONTAINER DISP: DO NOT REUSE EMPTY CONTAINER. RINSE
THEROUGHLY
W/WATER & DETERGENT. DISCARD IN REG TRASH COLLECTION.
Precautions-Handling/Storing: STORE IN ORIGINAL CNTNR IN AREAS
INACCESSIBLE TO SMALL CHILDREN. KEEP OUT OF REACH OF CHILDREN. DO NOT
BREATHE VAP/FUMES. FUMES ARE CORR TO METAL.
Other Precautions: CORR - PRICES CHEM BURNS. CONTAINS HYDROCHLORIC ACID.
DO NOT GET IN EYES, ON SKIN/ON CLTHG. MAY BE HARMFUL/FATAL IF SWALLOWED.
THIS PROD IS A REGISTERED PESTICIDE. USE OF THIS PROD IN A MANNER NOT
CONSISTENT W/LBL INSTRUCTIONS IS A (SUPDAT)
Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N). NONE REQUIRED.
Ventilation: NONE REQUIRED.
Protective Gloves: IMPERMEABLE GLOVES.
Eye Protection: ANSI APPROVED CHEM WORKERS (SUPP DATA)
Other Protective Equipment: EMERGENCY EYE WASH & DELUGE SHOWER MEETING ANSI DESIGN STANDARDS (FP N).
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: MFR'S TRADE NAME/PART NO: TOILET BOWL CLEANER.

Transportation Data

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 19JUL94
Label Date: 22APR94
Label Status: G
Common Name: 01-D0031-000, LYSOL BRAND LIQUID DISINFECTANT (SUPDAT)
Chronic Hazard: NO
Signal Word: DANGER!
Acute Health Hazard-Severe: X
Contact Hazard-Severe: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: COMBUSTIBLE. DO NOT MIX W/ BLEACH OR OTHER PRODUCT IS CORROSIVE, PRODUCES CHEMICAL BURNS. EYES: THIS PRODUCT IS CORROSIVE. CONTACT COULD RESULT IN PERMANENT INJURY. INGEST: MAY BE HARMFUL OR FATAL IF SWALLOWED. MAY CAUSE DAMAGE TO MEMBRANES OF MOUTH, THROAT & GASTROINTESTINAL TRACT. MATERIAL IS CORROSIVE TO MUCOSA OF ABOVE TISSUES.
CHRONIC: NONE LISTED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: L & F PRODUCTS
Label Street: 225 SUMMIT AVE
Label City: MONTVALE
Label State: NJ
Label Zip Code: 07645
Label Country: US
Label Emergency Number: 800-424-9300(CHEMTREC)