

LIQUID DEVELOPMENT CO INC -- LDC-02 ACTIVATOR & ETCH -- 6850-01-085-2865

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Product Identification
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Product ID:LDC-02 ACTIVATOR & ETCH
MSDS Date:02/01/1995
FSC:6850
NIIN:01-085-2865
MSDS Number: BMTYX
=== Responsible Party ===
Company Name:LIQUID DEVELOPMENT CO INC
Address:3748 E 91ST STREET
City:CLEVELAND
State:OH
ZIP:44105-2156
Country:US
Info Phone Num:216-641-9366/FAX -6416
Emergency
Phone Num:216-641-9366/800-424-9300(CHEMTREC)
CAGE:57868
=== Contractor Identification ===
Company Name:LIQUID DEVELOPMENT CO INC
Address:3748 E 91ST STREET
Box:City:CLEVELAND
State:OH
ZIP:44105-2156
Country:US
Phone:216-641-9366/800-424-9300(CHEMTREC)
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Composition/Information on Ingredients
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Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 80-90%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM CHLORIDE
CAS:7647-14-5
RTECS #:VZ47250

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Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA 302/313)
(CERCLA)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 1-10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Ha

zards Acute and Chronic:SKIN:IRRIT & INFLAMMATION. CHRONIC

EXPOSURE MAY CAUSE BURNS & RASHES. EYE:IRRIT & BURNS. LONG TERM CONTACT MAY CAUSE LOSS OF SIGHT. INHAL:BURNING, CHOKING, & COUGHING. LONG TERM CAUSES RESPIRATORY TRA CT DMG & BREATHING DIFFICULTIES. INGEST:MAY BURN MOUTH/THROAT/STOMACH & ERODE TEETH.

Explanation of Carcinogenicity:PER

MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO.

Effects of Overexposure:IRRIT & INFLAMMATION OF SKIN. IRRIT OF EYES.

COUGHING & BURNING OF L

UNGS.

Medical Cond Aggravated by Exposure:IMPAIRED PULMONARY FUNCTION.

RESPIRATORY, SKIN, & EYES DISORDERS.

===== First Aid Measures =====

First Aid:SKIN/EYE:REMOVE CONTAMIN CLOTH.FLUSH W/LG QUANTITIES OF

WATER.SEEK MED ATTN. INHAL:REMOVE TO FRESH AIR.SEEK MED ATTN.

INGEST:GET IMMED MED ATTN.DO NOT INDUCE VOMIT.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:WATER, CO2, DRY CHEMICAL.

Fire Fighting Procedures:CHEMICAL RESISTANT CLOTHING SHOULD BE WORN AS WELL AS SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTACT W/COMMON METALS MAY PRODUCE FLAMMABLE HYDROGEN GAS.

===== Accidental Release Measures =====

Spill Release Procedures:FIRST VENTILATE AREA. WEAR PROTECTIVE CLOTHING. SMOTHER W/EXCESS NEUTRALIZING AGENT, SCOOP INTO CONTAINER FOR PROPER DISPOSAL. DO NOT FLUSH INTO SEWER SYSTEM.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER. HMIS:20% SODIUM BICARBONATE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE BETWEEN 45-75F, OUT OF DIRECT LIGHT, W/CONTAINER SEALED TIGHT.

Other Precautions:DO NOT EAT/DRINK/SMOKE IN WORK AREA.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:A NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE WORN AS NECESSARY.

Ventilation:LOCAL EXHAUST SHOULD BE USED TO MAINTAIN CONCENTRATIONS BELOW TLV.

Protective Gloves:RUBBER GLOVES.

Eye Protection:FACESHIELD OR CHEMICAL GOGGLES.

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING (APRON,BOOTS,ETC).

Work Hygienic Practices:WASH HANDS THOROUGHLY W/SOAP/WATER BEFORE EATING/DRINKING/SMOKING/USING TOILET FACILITIES.WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:B.P. Text:200F,93C

Spec Gravity:1.10-1.1

2

pH:0-1.0

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR YELLOW LIQUID, SLIGHT ACID SMELL

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALINE MATERIALS AND COMMON METALS.

Hazardous Decomposition Products:NONE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/FED/STATE/LOC LAWS.

Disclaimer (provided with this information by the compiling agencies)

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