

LAMOTTE COMPANY -- 8006-01, EVERPURE PH INDICATOR IN ETHYLENE GL

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MSDS Safety Information
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FSC: 6810
NIIN: 00-937-0975
MSDS Date: 08/24/1998
MSDS Num: CLMDT
Product ID: 8006-01, EVERPURE PH INDICATOR IN ETHYLENE GLYCOL
MFN: 01
Responsible Party
Cage: 34807
Name: LAMOTTE COMPANY
Address: 802 WASHINGTON AVE.
B
ox: 329
City: CHESTERTOWN MD 21620
Info Phone Number: 410-778-3100
Emergency Phone Number: (CHEM-TEL) 800-255-3924
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 08576
Name: EVERPURE, INC.
Address: 660 BLACKHAWK DRIVE
City: WESTMONT IL 60559-9005
Phone: 630-654-4000/FAX: 630-654-1115
Contract Number: SP0450-01-M-ZH08
Cage: 34807
Name: LAMOTTE COMPANY
Address: 802 WASHINGTON AVE.
Box: 329
City: CHESTERTOWN MD 21620
Phone: 410-778-3100

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Item Description Information
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Item Manager: S9G
Item Name: INDICATOR SOLUTION,PH DETERMINATION
Specification Number: MIL-I-52701
Unit of Issue: BT
Quantitative Expression: 00000000004OZ
UI Container Qty: 0
Type of Container: BOTTLE

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Ingredients
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Cas: 107-21-1
RTECS #: KW2975000
Name: ETHYLENE GLYCOL
Percent by Wt: 56.
OSHA PEL: 50 PPM (VAPOR)
ACGIH TLV: NOT ESTABLISHED
ACGIH STEL: C127 MG/M3;C50 PPM
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1 LB

Cas: 51-28-5
RTECS #: SL2800000
Name: 2,4-DINITROPHENOL
< Wt: .05
OSHA PEL: N/E
ACGIH TLV: N/E
EPA Rpt Qty: 10 LBS
DOT Rpt Qty: 10 LBS

Cas: 77-09-8
RTECS #: SM8380000
Name: PHENOLPHTHALEIN
< Wt: .1
OSHA PEL: N/E
AC
GIH TLV: N/E

Cas: 7732-18-5
RTECS #: ZC0110000
Name: WATER
% Wt: TO 100%

Cas: 76-59-5
RTECS #: SJ7450000
Name: BROMTHYMOL BLUE
< Wt: .1

Cas: 76-61-9
RTECS #: XP2575000
Name: THYMOL BLUE
< Wt: .1

Cas: 493-52-7
RTECS #: DG8960000
Name: METHYL RED
< Wt: .1

Cas: 10102-17-7
RTECS #: WE6660000
Name: SODIUM THIOSULFATE PENTAHYDRATE
Percent b

y Wt: .02

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Health Hazards Data
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LD50 LC50 Mixture: NO DATA PROVIDED BY MANUFACTURER

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

Effects of Exposure: ETHYLENE GLYCOL IS AN EXPERIMENTAL TERATOGEN, MUTAGEN,
& REPRODUCTIVE EFFECTOR (ANIMAL TESTS). TARGET ORGANS: CENTRAL NERVOUS
SYSTEM.

Explanation Of Carcinogenicity: NO DATA PROVIDED BY MANUFACTURER

Signs And Symptoms Of Overexposure: HEADACHES, DROWSINESS, IRRITATION OF EYES.
MAY IRRITATE SKIN. HARMFUL IF SWALLOWED.

Medical Cond Aggravated By Exposure: NO DATA PROVIDED BY MANUFACTURER

First Aid: EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. INGESTION: INDUCE
VOMITING. DRINK WATER. CALL A PHYSICIAN IMMEDIATELY. INHALATION: REMOVE TO
FRESH AIR. SKIN CONTACT: FLUSH WITH WATER. WASH WITH SOAP AND WATER.

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Handling
and Disposal
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Spill Release Procedures: WASH UP WITH WATER. MOP UP AND FLUSH TO DRAIN.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER

Waste Disposal Methods: SMALL QUANTITY: FLUSH DOWN DRAIN WITH EXCESS WATER.
LARGE QUANTITY: ATOMIZE INTO AN INCINERATOR. DISPOSE ACCORDING TO FEDERAL,
STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: USE WITH ADEQUATE VENTILATION AND AVOID
CONTACT WITH SKIN AND EYES.

Other Precautions: NO DATA PROVIDED BY MANUFACTURER

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Fire and Explosion Hazard Information
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Extinguishing Media: DRY CHEMICAL, CO2, OR WATER SPRAY.

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Control Measures
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Respiratory Protection: NO DATA PROVIDED BY MANUFACTURER

Ventilation: MECHANICAL.

Protective Gloves: WEAR GLOVES.

Eye Protection

n: WEAR EYE PROTECTION.

Other Protective Equipment: LAB COAT.

Work Hygienic Practices: USE WITH ADEQUATE VENTILATION AND AVOID CONTACT WITH SKIN AND EYES.

Supplemental Safety and Health: CODE NUMBER: 8006-01.

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Physical/Chemical Properties
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HCC: T6

B.P. Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: UNKNOWN

Solubility in Water: SOLUBLE

Appearance and Odor: DARK GREEN LIQUID; SLIGHT SWEET ODOR.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: HEAT

Materials To Avoid: CONTACT WITH NITRIC ACID OR OTHER STRONG OXIDIZERS.

Hazardous Decomposition Products: COX.

Conditions To Avoid Polymerization: NO DATA PROVIDED BY MANUFACTURER

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Toxicological Information
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Toxicological Information: ORL HMN LDLO: 710 MG/KG FOR ETHYLENE GLYCOL.

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Ecological Information
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Ecological: NO DATA PROVIDED BY MANUFACTURER

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MSDS Transport Information
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Transport Information: NO DATA PROVIDED BY MANUFACTURER

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Regulatory Information
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Sara Title III Information: ETHYLENE GLYCOL AND 2,4-DINITROPHENOL ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF EPCRA AND 40 CFR 372.

Federal Regulatory Information: NO DATA PROVIDED BY MANUFACTURER

State Regulatory Information: WARNING! THIS PRODUCT CONTAINS PHENOLPHTHALEIN, A CHEMICAL KNOWN TO THE STATE OF CALIF. TO CAUSE CANCER.

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Other Information
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Other Information: NPCA- HAZARD: HEALTH-1, FLAMMABILITY-1, REACTIVITY-0.
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Transportation Information
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Responsible Party Cage: 34807

Trans ID NO: 158931

Product ID: 8006-01, EVERPURE PH INDICATOR IN ETHYLENE GLYCOL

MSDS Prepared Date: 08/24/1998

Review Date: 09/19/2001

MFN: 1

Net Unit

Weight: UNKNOWN

Multiple KIT Number: 0

Unit Of Issue: BT

Container QTY: 0

Type Of Container: BOTTLE
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Detail DOT Information
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ

IMO Proper Shipping

Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTA

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HAZCOM Label

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Product ID: 8006-01, EVERPURE PH INDICATOR IN ETHYLENE GLYCOL

Cage: 34807

Company Name: LAMOTTE COMPANY

Street: 802 WASHINGTON AVE.

PO Box: 329

City: CHESTERTOWN MD

Zipcode: 21620

Health Emergency Phone: (CHEM-TEL) 800-255-3924

Label Required IND: Y

Date Of Label Review: 09/19/2001

Status Code: A

Year Procured: 2001

Origination Code: F

Eye Protection IND: YES

Skin Pr

rotection IND: YES

Signal Word: WARNING

Respiratory Protection IND: NO

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: ETHYLENE GLYCOL IS AN EXPERIMENTAL TERATOGEN, MUTAGEN,
& REPRODUCTIVE EFFECTOR (ANIMAL TESTS). TARGET ORGANS: CENTRAL NERVOUS
SYSTEM. FIRST AID: EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. INGESTION :
INDUCE VOMITING. DRINK WATER. CALL A PHYSICIAN IMMEDIATELY. INHALATION:
REMOVE TO FRESH AIR. SKIN CONT
ACT: FLUSH WITH WATER. WASH WITH SOAP AND
WATER.

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