

MATERIAL SAFETY DATA SHEET

TRADE NAME: SAPPHIRE LIQUID # EP 571

SECTION I - IDENTIFICATION

COMPANY NAME.....EPIC INDUSTRIES
COMPANY ADDRESS.....1007 JERSEY AVENUE
.....NEW BRUNSWICK, NJ 08901
TELEPHONE NUMBER.....1 (800) 221-3742
EMERGENCY TELEPHONE #.....1 (800) 255-3924 CHEM - TEL, INC.
PRODUCT HAZARD RATINGS: HEALTH = 1, FIRE = 0, REACTIVITY = 0
PROTECTIVE EQUIPMENT: B(HMIG)
RATINGS LEGEND: 4 = EXTREME, 3 = SERIOUS, 2 = MODERATE, 1 = SLIGHT, 0 = MINIMAL

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	HAZARDOUS %	TLV (UNITS)	PEL	CAS#
DIETHANOLAMINE	<5	3 PPM	NE	111-42-2
PRIMARY ALCOHOL ETHOXYLATE	20-30	NE	NE	68002-97-1

NON HAZARDOUS INGREDIENTS* BAL.
UNIDENTIFIED INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER THE FEDERAL HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)
SECTION 313 - SUPPLIER NOTIFICATION
THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND 40 CFR 372:

CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
111-42-2	DIETHANOLAMINE	1.9

SECTION III - PHYSICAL DATA

BOILING POINT (F).....212 FREEZING POINT (F).....NA
VOLATILITY/VOL (%).....>75 VAPOR PRESSURE.....NA
SOLUBILITY IN H2O.....COMPLETE SPECIFIC GRAVITY (H2O = 1) 1.035
EVAPORATION RATE (BuAc = 1)NA pH.....13.0
APPEARANCE/ODOR.....DARK BLUE CLEAR LIQUID; PLEASANT FLORAL SCENT.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT.....NONE LOWER FLAME LIMIT.....NA HIGHER FLAME LIMIT.....NA
EXTINGUISH MEDIA.....USE MEDIA SUITABLE FOR SURROUNDING MATERIALS.
FOR FIRE.....NO SPECIAL PROCEDURES REQUIRED.
UNUSUAL FIRE HAZARD.....NONE KNOWN

SECTION V - HEALTH HAZARD DATA

OVEREXPOSURE EFFECTS: INHALATION OF MIST MAY CAUSE RESPIRATORY IRRITATION. SKIN IRRITATION. LIQUID IN EYES MAY CAUSE BURNING, IRRITATION AND DAMAGE. INHALATION STUDIES HAVE SHOWN THAT LABORATORY ANIMALS EXPOSED TO EXTREMELY HIGH CONCENTRATIONS OF DIETHANOLAMINE HAVE EXHIBITED KIDNEY AND LIVER DAMAGE.

FIRST AID PROCEDURES

EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING THE EYELIDS OPEN. GET PROMPT MEDICAL ATTENTION.

SKIN: WASH AFFECTED AREA WITH LARGE AMOUNTS OF WATER. GET MEDICAL HELP IF IRRITATION PERSISTS.

INHALATION: MOVE VICTIM TO FRESH AIR. GET MEDICAL HELP IF IRRITATION PERSISTS.

INGESTION: CONTACT LOCAL POISON CENTER OR PHYSICIAN IMMEDIATELY!!

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SECTION VI - REACTIVITY DATA
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STABILITY.....NORMALLY STABLE
INCOMPATIBLE MATERIALS..... STRONG ACIDS.
DECOMPOSITION PRODUCTS.....SULPHUR DIOXIDE.

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SECTION VII - SPILL OR LEAK PROCEDURE
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PROCEDURES: WEAR PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION VIII). CLEAN UP WITH ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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SECTION VIII - SPECIAL PROTECTION
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RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED. IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVEREXPOSURE WEAR NIOSH APPROVED DUST/MIST RESPIRATOR.

EYEWEAR: IF POTENTIAL FOR EYE CONTACT EXISTS, WEAR CHEMICAL GOGGLES.

VENTILATION: LOCAL EXHAUST MAY BE NECESSARY UNDER SOME HANDLING/USE CONDITIONS. SPECIFIC NEEDS SHOULD BE ADDRESSED BY SUPERVISORY OR HEALTH/SAFETY PERSONNEL.

CLOTHING/PROTECTIVE GLOVES: WEAR NEOPRENE OR OTHER CHEMICAL RESISTANT GLOVES

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SECTION IX - SPECIAL PRECAUTIONS
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STORE IN CLOSED CONTAINERS.

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APPROVAL JOHN YOUSSEF TECHNICAL DIRECTOR 10/26/08
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