

MATERIAL SAFETY DATA SHEET (MSDS)

TRADE NAME: EPIC LIQUID MACHINE DISH COMPOUND #305

SECTION I - IDENTIFICATION

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

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	HAZARDOUS %	TLV(UNITS)	PEL	CAS#
POTASSIUM HYDROXIDE	15 - 25	2 MG/M3	NE	1310 58 3
NON HAZARDOUS INGREDIENTS	BAL.			

UNIDENTIFIED INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER THE FEDERAL HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION III - PHYSICAL DATA

BOILING POINT (F).....212
VOLATILITY/VOL (%).....>60
SOLUBILITY IN H2O.....COMPLETE
EVAPORATION RATE (BuAc=1) <1
APPEARANCE/ODOR..... CLEAR LT. RED LIQUID: ODORLESS.

FREEZING POINT (F).....NA
VAPOR PRESSURE.....<18
SPECIFIC GRAVITY (H2O=1) 1.36
pH AS IS.....>14

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT.....NONE
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 DUST OR MIST MAY CAUSE RESPIRATORY IRRITATION WITH COUGHING, SNEEZING, SALIVATION AND DIFFICULT BREATHING. SEVERE EXPOSURE MAY LEAD TO CHEMICAL PNEUMONITIS. SEVERE SKIN BURNS. EYE CONTACT CAUSES SEVERE OR PERMANENT 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: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH PLENTY OF WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE RE-USE.

INHALATION: MOVE VICTIM TO FRESH AIR AND RESTORE BREATHING IF NECESSARY. STAY WITH VICTIM UNTIL ARRIVAL OF EMERGENCY MEDICAL PERSONNEL .

INGESTION: CONTACT LOCAL POISON CENTER OR PHYSICIAN IMMEDIATELY!!

SECTION VI - REACTIVITY DATA

STABILITY.....NORMALLY STABLE
INCOMPATIBLE MATERIALS..... ACIDS. CONTACT WITH CERTAIN METALS MAY YIELD EXPLOSIVE HYDROGEN GAS.
DECOMPOSITION PRODUCTS.....PHOSPHORUS OXIDES, HYDROGEN..

SECTION VII - SPILL OR LEAK PROCEDURE

PROCEDURES.....WEAR PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION VIII).
NEUTRALIZE USING A WEAK ACID. CLEAN UP WITH ABSORBENT MATERIALS.
WASTE DISPOSAL METHOD.....DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED. IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVEREXPOSURE WEAR NIOSH APPROVED DUST/MIST RESPIRATOR.
EYEWEAR: IF SPLASH POTENTIAL FOR EYE CONTACT EXISTS, WEAR CHEMICAL GOGGLES OR FACE SHIELD..
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 AND APRON OR COVERALLS AND/OR FOOT COVERINGS AS NEEDED TO PREVENT REPEATED OR PROLONGED SKIN CONTACT.

SECTION IX - SPECIAL PRECAUTIONS

CORROSIVE. STORE IN CLOSED CONTAINER IN WELL-VENTILATED AREA. NOTE: IF DILUTING, ALWAYS ADD THIS PRODUCT SLOWLY TO WATER WITH CONSTANT STIRRING.

SECTION X - TRANSPORTATION (D.O.T. CLASSIFICATION HM-181)

SHIPPING NAME= COMPOUND, CLEANING LIQUID (CONTAINS POTASSIUM HYDROXIDE)
HAZARD CLASS = 8 I.D. # = NA1760 PACKING GROUP = II LABEL = CORROSIVE
EMERGENCY RESPONSE GUIDE NUMBER = ERG154

APPROVAL JOHN YOUSSEF TECHNICAL DIRECTOR 10/26/08
NAME TITLE DATE

THE INFORMATION CONTAINED HEREIN HAS BEEN DEVELOPED BASED UPON CURRENT AVAILABLE SCIENTIFIC DATA. NEW INFORMATION MAY BE DEVELOPED FROM TIME TO TIME WHICH MAY RENDER THE CONCLUSION OF THIS REPORT OBSOLETE. THEREFORE, NO WARRANTY IS EXTENDED AS TO APPLICABILITY OF THIS INFORMATION TO THE USERS INTENDED PURPOSE OR FOR THE CONSEQUENCES OF ITS USE OR MISUSE.

NA - NOT APPLICABLE NE - NOT ESTABLISHED UN - UNAVAILABLE