

**MATERIAL SAFETY DATA SHEET (MSDS)**

**TRADE NAME: REDEEM LIME & SCALE REMOVER #EC 309**

**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 = 2, 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#
PHOSPHORIC ACID	< 30	1	1	7664 382
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 (%).....>65  
SOLUBILITY IN H2O.....COMPLETE  
EVAPORATION RATE (BuAc=1) <1  
APPEARANCE/ODOR..... COLORLESS LIQUID: SLIGHT ODOR.

FREEZING POINT (F).....NA  
VAPOR PRESSURE.....<18  
SPECIFIC GRAVITY (H2O=1) 1.169  
pH.....<1

**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.

LOWER FLAME LIMIT.....NA  
HIGHER FLAME LIMIT.....NA

**SECTION V - HEALTH HAZARD DATA**

OVEREXPOSURE EFFECTS.....INHALATION OF MIST MAY CAUSE RESPIRATORY IRRITATION WITH COUGHING, SNEEZING, SALIVATION AND DIFFICULT BREATHING. SEVERE EXPOSURE MAY LEAD TO CHEMICAL PNEUMONITIS. SEVERE IRRITATION SKIN BURNS. BURNING SENSATION MAY BE DELAYED. EYE CONTACT CAUSES SEVERE OR PERMANENT DAMAGE.

