MATERIAL SAFETY DATA SHEET (MSDS)

TRADE NAME: EPI SOUR PLUS EC 0055

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SECTION I - IDENTIFICATION

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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 = 0
PROTECTIVE EQUIPMENT: B (HMIG)
RATING LEGEND: 4 = EXTREME, 3 = SERIOUS, 2 = MODERATE, 1 = SLIGHT, 0 = MINIMAL

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SECTION II - HAZARDOUS INGREDIENTS

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HAZARDOUS COMPONENTS	HAZARDOUS %	TLV(UNITS)	PEL	CAS#
HYDROFLUOSILICIC ACID	17	2.5 MG/M3	2.5 MG/M3	16961-83-4

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

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SECTION III - PHYSICAL DATA

BOILING POINT (F).....212oF FREEZING POINT (F).....NA
VOLATILITY/VOL (%).....NA VAPOR PRESSURE.....NA
SOLUBILITY IN H2O.....COMPLETE SPECIFIC GRAVITY 1.166
EVAPORATION RATE (BuAc=1) NA
APPEARANCE.....PALE GREEN LIQUID; SHARP, PUNGENT ODOR.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT.....NA LOWER FLAME LIMIT.....NA HIGHER FLAME LIMIT....NA
EXTINGUISH MEDIA.....THIS MATERIAL IS NOT COMBUSTIBLE., USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.
FOR FIRE.....ALTHOUGH THIS PRODUCT IS NOT CUMBUSTIBLE, IF A FIRE OCCURS IN THE NEAR VICINITY, GOOD FIRE-FIGHTING PRACTICE DICTATES THE USE OF SELF-CONTAINED BREATHING APPARATUS AND OTHER PROTECTIVE GEAR.
UNUSUAL FIRE HAZARD.....EXTINGUISH ALL NEARBY SOURCES OF IGNITION SINCE FLAMMABLE HYDROGEN GAS WILL BE LIBERATED FROM CONTACT WITH SOME METALS.

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SECTION V - HEALTH HAZARD DATA

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OVEREXPOSURE EFFECTS.....CORROSIVE. BURNS THE EYES, SKIN AND MUCOUS MEMBRANES CAUSING BURNS, TISSUE DESTRUCTION, SHOCK, AND PULMONARY EDEMA. EFFECTS MAY BE DELAYED. MAY CAUSE FLUOROSIS.

CARCINOGENIC: THE RAW MATERIALS USED IN THIS PRODUCT ARE NOT CONSIDERED TO BE A CARCINOGEN BY ACGIH AND OSHA.

FIRST AID PROCEDURES:

EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 30 MINUTES WHILE HOLDING THE EYELIDS OPEN. GET PROMPT MEDICAL ATTENTION.

SKIN: WASH AFFECTED AREA WITH LARGE AMOUNTS OF WATER & SOAP FOR 15 MINUTES. PAYING PARTICULAR ATTENTION TO SKIN UNDER THE NAILS. THEN IMMERSE AND SOAK CONTAMINATED AREA IN 0.13% ICED AQUEOUS * ZEPHIRAN CHLORIDE SOLUTION FOR 30-60 MINS. USE SATURATED COMPRESSES IF AREA CANNOT BE IMMERSED, CHANGING COMPRESSES EVERY 2 MINUTES. ALWAYS GET MEDICAL ATTENTION, NO MATTER HOW MINOR SKIN BURNS APPEAR. WASH CONTAMINATED CLOTHING BEFORE REUSE, BUT DESTROY CONTAMINATED SHOES. * BENZALKONIUM CHLORIDE.

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

INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER OR MILK. CONTACT LOCAL POISON CENTER OR PHYSICIAN IMMEDIATELY!! DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON.

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SECTION VI - REACTIVITY DATA

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STABILITY..... STABLE
INCOMPATIBLE MATERIALS.....ALKALIS, OXIDIZING OR REDUCING MATERIALS, CYANIDS,SULFIDES, OR COMBUSTIBLE MATERIALS. ALSO, GLASS, CARBON, STEEL, AND WATER, CONCRETE, METALS AND ORGANICS SUCH AS LEATHER OR CLOTH.
DECOMPOSITION PRODUCTS.....HYDROFLURIC ACID AND SILICON TETRAFLUORIDE.

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SECTION VII - SPILL OR LEAK PROCEDURE

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IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR EYE PROTECTION. FOR SMALL SPILLS OR DRUPS, MOP OR WIPE UP AND DISPOSE OF IN DOT APPROVED WASTE CONTAINERS.

FOR LARGE SPILLS, CONTAIN BY DIKING WITH SOIL OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND CAREFULLY NEUTRALIZE WITH SODA ASH OR LIME. IF SODA ASH IS USED, PROVIDE ADEQUATE VENTILATION TO DISSIPATE THE CARBON DIOXIDE GAS.

WASTE DISPOSAL METHOD: DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

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SECTION VIII - SPECIAL PROTECTION

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RESPIRATORY PROTECTION:. 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: SUFFICIENT TO REDUCE VPOR OR MISTS BELOW PERMISSIBLE TLV LEVELS.
PROTECTIVE CLOTHING: ACID RESISTANT SLICKER SUIT WITH RUBBER APRON, RUBBER BOOTS WITH PANTS OUTSIDE.

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SECTION IX - SPECIAL PRECAUTIONS

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STORE IN COOL, DRY, WELL VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES., ON SKIN, OR ON CLOTHING. WEAR ALL PROTECTIVE EUIPMENT AND CLOTHING WHEN HANDLING.

EYEWASH AND SAFETY SHOWER FACILITIES SHOULD BE AVAILABLE WHERE PRODUCT IS STORED OR HANDLED.

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APPROVAL	**BARRY RUCK**	**TECHNICAL DIRECTOR**	**9/26/11**
	NAME	**TITLE**	**DATE**

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