

**MATERIAL SAFETY DATA SHEET (MSDS)**

**TRADE NAME: SUPER MAGNET EP 523**

**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 = 0  
RATING LEGEND: 4 = EXTREME, 3 = SERIOUS, 2 = MODERATE, 1 = SLIGHT, 0 = MINIMAL

**SECTION II - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENTS	HAZARDOUS %	TLV(UNITS)	PEL	CAS#
AMMONIUM BIFLORIDE	5.7	2.5 MG (F)	N/A	1341-49-7
HYDRO FLUORO SILICIC ACID	<15	N/A	N/A	1696-1834

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).....234 FREEZING POINT (F).....NA  
VOLATILITY/VOL (%).....8.5 VAPOR PRESSURE.....<18  
SOLUBILITY IN H2O.....COMPLETE SPECIFIC GRAVITY (H2O=1) 1.3  
EVAPORATION RATE (BuAc=1) NA pH.....2.4  
APPEARANCE/ODOR.....STRAW COLOR WITH MILD ACRID ODOR.

**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.....USE SELF CONTAINED BREATHING APPARATUS..  
UNUSUAL FIRE HAZARD.....DECOMPOSED WHEN HEATED, FUMES COULD BE TOXIC AND CORROSIVE..

**SECTION V - HEALTH HAZARD DATA**

HEALTH HAZARDS (ACUTE AND CHRONIC) - COULD BE FATAL IF SWALLOWED. SIGNS AND SYMPTOMS OF EXPOSURE -- SKIN WILL ITCH. EYES WILL BURN. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE -- SKIN WILL BURN, NAUSEA MAY OCCUR

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!!

=====

**SECTION VI - REACTIVITY DATA**

=====

**STABILITY.....NORMALLY STABLE**  
**INCOMPATIBLE MATERIALS.....DO NOT MIX WITH OTHER CHEMICALS.**  
**DECOMPOSITION PRODUCTS.....HYDROGEN FLUORIDE AMMONIA.**

=====

**SECTION VII - SPILL OR LEAK PROCEDURE**

=====

**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.**

=====

**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 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.**

=====

**SECTION IX - SPECIAL PRECAUTIONS**

=====

**WARM DRY WAREHOUSE. DUE TO 50° F FREEZING POINT.**

=====

**SECTION X - TRANSPORT (D.O.T. CLASSIFICATION)**

=====

**SHIP NAME: COMPOUNDS CLEANING LIQUID (CONTAINS AMMONIUM BIFLUORIDE)**  
**HAZARD CLASS= 8; I.D.# = NA1760; PACKING GROUP=III.**  
**LABEL=CORROSIVE. EMERGENCY RESPONSE GUIDE NUMBER = 154**

=====

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

=====

**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**