

MATERIAL SAFETY DATA SHEET (MSDS)

TRADE NAME: BREAKTHRU DEGREASER #BT 008

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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 = 2, 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#
2-BUTOXYETHANOL	<5	25 PPM	50	111-76-2
SODIUM METASILICATE	<5	NE	NE	6834-92-0

NON HAZARDOUS INGREDIENTS BAL.

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

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SECTION 313 SUPPLIER NOTIFICATION
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CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
111-76-2	2-BUTOXYETHANOL	1.75

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SECTION III - PHYSICAL DATA
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BOILING POINT (F).....212	FREEZING POINT (F).....NA
VOLATILITY/VOL (%).....<90	VAPOR PRESSURE.....<18
SOLUBILITY IN H2O.....COMPLETE	SPECIFIC GRAVITY (H2O=1) 1.050
EVAPORATION RATE (BuAc=1) <1	pH.....13.1
APPEARANCE/ODOR..... CLEAR STRAW LIQUID, SLIGHT BUTYL ODOR.	

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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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.
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SECTION V - HEALTH HAZARD DATA
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OVEREXPOSURE EFFECTS.....INHALATION OF DUST OR MIST MAY CAUSE RESPIRATORY IRRITATION, SKIN IRRITATION; REPEATED OR PROLONGED CONTACT MAY CAUSES BURNS. LIQUID IN EYES MAY CAUSE BURNING, IRRITATION AND DAMAGE. THIS PRODUCT CONTAINS 2-BUTOXYETHANOL, WHICH HAS CAUSED LIVER AND KIDNEY DAMAGE AND HEMOLYTIC ANEMIA IN TEST ANIMALS.

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 CONTAMINATE 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. 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.....CARBON MONOXIDE, CARBON DIOXIDE.
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SECTION VII - SPILL OR LEAK PROCEDURE
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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.
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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 AND APRON OR COVERALLS AS NEEDED TO PREVENT REPEATED OR PROLONGED SKIN CONTACT.
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SECTION IX - SPECIAL PRECAUTIONS
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STORE IN CLOSED CONTAINER. NOTE: IF DILUTING, ALWAYS ADD THIS PRODUCT SLOWLY TO WATER WITH CONSTANT STIRRING.
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APPROVAL	BARRY RUCK	TECHNICAL DIRECTOR	10/5/11
	NAME	TITLE	DATE

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NA - NOT APPLICABLE

NE - NOT ESTABLISHED

UN - UNAVAILABLE