

**MATERIAL SAFETY DATA SHEET (MSDS)**

**TRADE NAME: BREAKTHRU' GRILL & OVEN CLEANER #BT 003C**

**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#
SODIUM HYDROXIDE	<10	2 MG/M3	2	1310-73-2
SODIUM XYLENE SULFONATE	<5	NE	NE	1300-72-7
SODIUM METASILICATE	<5	NE	NE	6834-92-0
ETHOXYLATED NONYL PHENOL	<5	NE	NE	9016-45-9

NON HAZARDOUS INGREDIENTS      BAL.

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

**SECTION 313 SUPPLIER NOTIFICATION:**

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1086 AND 40 CFR 372:

CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
1310-73-2	SODIUM HYDROXIDE	4.6

**SECTION III - PHYSICAL DATA**

BOILING POINT (F).....212      FREEZING POINT (F).....NA  
VOLATILITY/VOL (%).....90.0      VAPOR PRESSURE.....<18  
SOLUBILITY IN H2O.....COMPLETE      SPECIFIC GRAVITY (H2O=1) 1.015  
EVAPORATION RATE (BuAc=1) <1      pH.....13.5  
APPEARANCE/ODOR.....PALE CLEAR LIQUID: SLIGHT 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.....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. SEVERE SKIN IRRITATION AND BURNS. EYE CONTACT MAY CAUSE SEVERE BURNS 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:** 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.....ACIDS. CONTACT WITH CERTAIN METALS MAY YIELD EXPLOSIVE HYDROGEN GAS.  
DECOMPOSITION PRODUCTS..... SULFUR DIOXIDE, HYDROGEN

**SECTION VII - SPILL OR LEAK PROCEDURE**

PROCEDURES.....WEAR PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION VIII). 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 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**

CORROSIVE. STORE IN EXHAUST MAY BE NECESSARY UNDER SOME HANDLING/USE CONDITIONS. SPECIFIC NEEDS SHOULD BE ADDRESSED BY SUPERVISORY OR HEALTH/SAFETY PERSONNEL

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

SHIP NAME: COMPOUNDS, CLEANING LIQUID (CONTAINS SODIUM HYDROXIDE)  
HAZARD CLASS = 8, I.D. # = NA 1760, PACKING GROUP = II  
LABEL = CORROSIVE. EMERGENCY RESPONSE NUMBER = ERG 154

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

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NA - NOT APPLICABLE

NE - NOT ESTABLISHED

UN - UNAVAILABLE