

MATERIAL SAFETY DATA SHEET (MSDS)

TRADE NAME: SWELL STAINLESS STEEL CLEANER # 1306

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

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	HAZARDOUS %	TLV(UNITS)	PEL	CAS#
HEAVY ALKALATE	60 - 70	100 PPM	100	64741-65-7
MINERAL OIL	20 - 30	5MG.M3 (AS MIST)		8042-47-5
HYDROCARBON PROPELLANT	10	1000 PPM	1000	74-98-6

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).....NA FREEZING POINT (F).....NA
VOLATILITY/VOL (%).....NE VAPOR PRESSURE.....(PSIG)130 @ 130°F
SOLUBILITY IN H2O.....NEGLIGIBLE SPECIFIC GRAVITY (H2O=1) <1.0
EVAPORATION RATE (ETHER=1) <1 pH.....NA
APPEARANCE/ODOR.....CLEAR, COLORLESS, OILY LIQUID, METHOL TYPE ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

AEROSOL FLAMMABILITY: THIS PRODUCT IS CONSIDERED TO BE FLAMMABLE AS DESCRIBED IN 16CFR 1500.46.

FLAMMABLE LIMITS - % VOLUME IN AIR (PROPELLANT): LEL: 2.1 UEL: 9.5

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM AND/OR DRY CHEMICAL MAY BE USED.

SPECIAL FIRE FIGHTING PROCEDURES: CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP. USE EQUIPMENT OF SHIELDING, AS REQUIRED, TO PROTECT PERSONNEL FROM BURSTING, RUPTURING OR VENTING CONTAINERS.

UNUSUAL FIRE & EXPLOSION HAZARDS: AT ELEVATED TEMPERATURES (OVER 54C - 130F) CONTAINERS EXPOSED TO DIRECT FLAME OR HEAT CONTACT SHOULD BE COOLED WITH WATER TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

SECTION V - HEALTH HAZARD DATA

OVEREXPOSURE EFFECTS.....LIQUID CAN CAUSE DEFATTING AND DRYING OF SKIN, WHICH MAY LEAD TO SKIN IRRITATION AND DERMATITIS. EYE CONTACT IS IRRITATING. INGESTION MAY RESULT IN VOMITING; ASPIRATION INTO LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES MAY RESULT IN ASPIRATION PNEUMONITIS.

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. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE RE-USE.

INHALATION: HIGH UPPER CONCENTRATIONS GREATER THAN APPROXIMATELY 1000PPM MAY RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION. EARLY TO MODERATE EFFECTS MAY BE EVIDENCED BY GIDDINESS, HEADACHE OR NAUSEA. MOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HOPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. GET MEDICAL ATTENTION IMMEDIATELY!!

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SECTION VI - REACTIVITY DATA
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STABILITY: STABLE

INCOMPATIBLE MATERIALS: OXIDIZING AGENTS

DECOMPOSITION PRODUCTS: HYDROCARBON GASES, SMOKE, FUMES AND ADDITIONAL TOXIC CHEMICALS MAY BE FORMED IN SMALL AMOUNTS.

CONDITIONS TO AVOID: DO NOT STORE ABOVE 54C - 130F. KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, OPEN FLAMES OR SPARKS. DROPPING OF CONTAINERS MAY CAUSE BURSTING.

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SECTION VII - SPILL OR LEAK PROCEDURE
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PROCEDURES: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA. SOAK UP EXCESSIVE SPILLS AND PLACE INTO A DESIGNATED DISPOSAL CONTAINER.

WASTE DISPOSAL METHOD: DO NOT PUNCTURE OR INCINERATE CONTAINERS. WHEN CONTENTS ARE DEPLETED CONTINUE TO DEPRESS BUTTON UNTIL ALL GAS IS EXPELLED. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

HANDLING AND STORING: AVOID BREATHING VAPOR. KEEP AWAY FROM HEAT AND FLAME. USE WITH ADEQUATE VENTILATION. DO NOT EXPOSE TO DIRECT SUNLIGHT OR STORE AT TEMPERATURES ABOVE 130F (54C). STORE AS LEVEL 3 AEROSOL (NFPA 30B).

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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 OR FACE SHIELD.

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.

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SECTION IX - SPECIAL PRECAUTIONS
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STORE IN CLOSED CONTAINERS. DO NOT KEEP NEAR FIRE, SPARKS, OR RED-HOT SURFACES.

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SECTION X -- TRANSPORTATION (D.O.T. CLASSIFICATION)
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SHIPPING NAME: CONSUMER COMMODITY

HAZARD CLASS: ORM - D

APPROVAL

LAURENCE Y. LIOU
NAME

TECHNICAL DIRECTOR
TITLE

6/18/01
DATE

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NA - NOT APPLICABLE

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