

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

MANUFACTURER: SUPPLIER
MULTI-BLEND LTD
2720 SLOUGH ST.
MISSISSAUGA
ONTARIO L4T 1G3
EMERGENCY- CANUTEC: 613-996-6666

PRODUCT NAME: **1101 EMULSIFIER**
CHEMICAL NAME: NOT APPLICABLE
CHEMICAL FAMILY: ALKALIES
PRODUCT USE: GENERAL PURPOSE CLEANER/DEGREASER

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	APPROX- CONC.	CAS NO.	LD(50) (RAT ORAL)	LC(50)
SODIUM METASILICATE	1-5	6834-92-0	1470 mg/Kg	ND
SODIUM HYDROXIDE	1-5	1310-73-2	140-340 mg/Kg	ND

SECTION III PHYSICAL DATA

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE.: LEMON ODOUR, CLEAR YELLOW
NON VISCIOUS LIQUID
ODOUR THRESHOLD.:NOT AVAILABLE
SPECIFIC GRAVITY.: 1.045
VAPOUR PRESSURE. ND
VAPOUR DENSITY(AIR=1):. ND
EVAPORATION RATE.:(WATER = 1) 1
SOLUBILITY IN WATER.:(20 DEGREES C) COMPLETE
BOILING POINT.:(C) 98
PH.: 12.0 ± 0.5
COEFF. WATER/OIL DISTR.: GREATER THAN 1

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY....NON FLAMMABLE
EXTINGUISHING MEDIA.: AS FOR SURROUNDING MATERIALS
HAZARDOUS COMBUSTION PRODUCTS...:CARBON DIOXIDE,CARBON MONOXIDE,NITROUS OXIDE,AMMONIA.
FLASH POINT (DEG)C..NOT APPLICABLE
UPPER FLAMMABLE LIMIT...NOT APPLICABLE
LOWER FLAMMABLE LIMIT..NOT APPLICABLE
AUTO IGNITION TEMP.....NOT APPLICABLE
EXPLOSION DATA.....NOT APPLICABLE
SENSITIVITY TO STATIC CHARGE...NOT AVAILABLE

SECTION V REACTIVITY DATA

CHEMICAL STABILITY.: STABLE
CONDITIONS TO AVOID.:EXTREME HEAT AND COLD
INCOMPATIBLE SUBSTANCES.:STRONG ACIDS,STRONG OXIDIZING AGENTS,EDTA MAY REACT WITH ALUMINIUM TO FORM HYDROGEN
HAZARDOUS DECOMPOSITION.....THERMAL
DECOMPOSITION WILL GIVE CARBON DIOXIDE, CARBON MONOXIDE,NITROUS OXIDES,AMMONIA
HAZARDOUS POLYMERIZATION.....NOT AVAILABLE

SECTION VI TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY
SKIN CONTACT.:YES SKIN ABSORPTION.:YES
EYE CONTACT.:YES INHALATION.:YES
INGESTION.: YES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:MODERATE IRRITATION OF SKIN AND EYES. INHALATION OF MIST CAN CAUSE IRRITATION OF UPPER RESPIRATORY TRACT AND MUCOUS
EFFECTS OF CHRONIC EXPOSURE: DAMAGE OF UPPER RESPIRATORY TRACT, SUPERFICIAL DESTRUCTION OF SKIN.
EXPOSURE LIMITS.:ND
IRRITANCY OF MATERIAL.:ND SENSITIZATION TO

MATERIAL.:ND
CARCINOGENICITY.: ND REPRODUCTIVE TOXICITY.: ND
TERATOGENICITY.: ND MUTAGENICITY.: ND
SYNERGISTIC PRODUCTS.: NA

SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....GLOVES:RUBBER OR VINYL
EYE PROTECTION.....CHEMICAL GOGGLES OR FACE SHIELD DEPENDING ON EXPOSURE
RESPIRATORY PROTECTION.....LOCAL EXHAUST ADEQUATE
FOOT WEAR.....RUBBER
CLOTHING.....IMPERVIOUS
ENGINEERING CONTROLS.....LOCAL EXHAUST
LEAK AND SPILL PROCEDURE.....DIKE AREA AND CONTAIN SPILL.PUMP TO CONTAINER FOR RECOVERY OR DISPOSAL.NEUTRALIZE REMAINDER WITH MILD ACID AND FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER IF LOCAL GOVERNMENTS ALLOW OR PICK UP WITH WET VACUUM.
WASTE DISPOSAL.....DISPOSE IN ACCORDANCE WITH LOCAL AND MUNICIPAL AUTHORITIES.

HANDLING PROCEDURES AND EQUIPMENT.....AVOID CONTACT WITH EYES SKIN OR CLOTHES.WASH THOROUGHLY AFTER HANDLING

STORAGE REQUIREMENTS.....STORE IN A COOL DRY AREA AWAY FROM ACIDS AND INCOMPATIBLES.DO NOT FREEZE

SECTION VIII FIRST AID MEASURES

PROCEDURES:
EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES.SEEK MEDICAL ATTENTION
SKIN: REMOVE CONTAMINATED CLOTHING AND WASH FOR 15 MINUTES WITH RUNNING WATER.SEEK MEDICAL ATTENTION.DRY CLEAN CLOTHES BEFORE REUSE.
INHALATION: REMOVE TO FRESH AIR.GET MEDICAL ATTENTION
INGESTION: IF SWALLOWED DO NOT INDUCE VOMITING.GIVE 1-2 GLASSES OF WATER OR CITRIC JUICES.IF VOMITING OCCURS GIVE FURTHER FLUIDS AND SEEK MEDICAL ATTENTION IMMEDIATELY.

ADDITIONAL INFORMATION

WHMIS CLASSIFICATION: CLASS E CLASS D DIV 2 B
TDG CLASSIFICATION: NR
PIN.....NA PACKING GROUP.....NA
HAZARD RATING: HEALTH: 1 FIRE:0 REACTIVITY:1
CORROSIVENESS:1

HAZARD RATING SCALE: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE. NA=NOT APPLICABLE, ND=NO DATA AVAILABLE, NE=NOT ESTABLISHED, NR=NOT REGULATED.

PREPARED BY: LAB GROUP DATE: August 1, 2008

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