

# MATERIAL SAFETY DATA SHEET

## SECTION I PRODUCT IDENTIFICATION

MANUFACTURER: SUPPLIER:  
MULTI-BLEND LTD.  
MISSISSAUGA ONT.L4T 1G3

EMERGENCY TEL # CANUTEC 613-996-6666

PRODUCT NAME:

### BIO TERRA CLEANER DEGREASER

CHEMICAL NAME:NA CHEMICAL FAMILY:ALKALIES  
PRODUCT USE:GENERAL PURPOSE CLEANING

## SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	APPROX. CONC.	CAS NO.	LD(50) (RAT ORAL)	LC(50)
TPM GLYCOL ETHER	1-5	25498-49-1	3300 mg/kg	ND

## SECTION III PHYSICAL DATA

PHYSICAL STATE.: LIQUID  
ODOUR AND APPEARANCE.: ORANGE LIQUID CITRUS ODOUR  
ODOUR THRESHOLD.:NOT AVAILABLE  
SPECIFIC GRAVITY.: 1.020  
VAPOUR PRESSURE.(MM) 760MM AT 100(C)  
VAPOUR DENSITY(AIR=1):. NOT AVAILABLE  
EVAPORATION RATE.:(WATER - 1) 1  
SOLUBILITY IN WATER.:(20 DEGREES C) COMPLETE  
BOILING POINT.:(C) 100  
PH.:(10% SOLUTION) 11.8  
COEFF. WATER/OIL DISTR.:NOT AVAILABLE

## 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.  
SPECIAL PROCEDURES AS FOR SURROUNDING MATERIALS  
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.  
HAZARDOUS DECOMPOSITION.....THERMAL DECOMPOSITION  
WILL GIVE CARBON DIOXIDE,CARBON MONOXIDE  
HAZARDOUS POLYMERIZATION.....NONE

## SECTION VI TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY  
SKIN CONTACT.: NO SKIN ABSORPTION.:NO  
EYE CONTACT.:YES INHALATION.:YES  
INGESTION.: YES  
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:  
EYE CONTACT MAY CAUSE IRRITATION OF MUCOUS  
MEMBRANES.  
SKIN CONTACT MAY CAUSE IRRITATION.  
INHALATION PROLONGED EXPOSURE CAN CAUSE IRRITATION  
OF EYES NOSE AND THROAT AND RESPIRATORY TRACT  
INGESTION MAY CAUSE IRRITATION OF LIPS MOUTH AND  
THROAT, RESPIRATORY TRACT AND OESOPHAGUS, NAUSEA,  
VOMITING, ABDOMINAL PAIN AND DIARRHOEA,EDEMA OF  
LARYNX AND SUBSEQUENT SUFFOCATION, PERFORATION OF  
GASTROINTESTINAL TRACT  
EFFECTS OF CHRONIC EXPOSURE:NE  
EXPOSURE LIMITS.:NOT AVAILABLE  
IRRITANCY OF MATERIAL.:NOT AVAILABLE  
SENSITIZATION TO MATERIAL.:NOT AVAILABLE  
CARCINOGENICITY.: NOT KNOWN  
REPRODUCTIVE TOXICITY.: NOT KNOWN  
TERATOGENICITY.: NOT KNOWN  
MUTAGENICITY.: NOT KNOWN

SYNERGISTIC PRODUCTS.: NOT AVAILABLE

## SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....GLOVES:RUBBER OR VINYL  
EYE PROTECTION.....CHEMICAL GOGGLES OR FACE  
SHIELD  
RESPIRATORY PROTECTION.....WORN BY PERSON SENSITIVE  
TO FUMES  
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.NEUTRALISE 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.DRYCLEAN 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. 2B  
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.

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