



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: MTL Bio Clear 1000

PRODUCT USE: Biocide **CAS NO.** 1022-01-2

CHEMICAL FAMILY: Dibromo-3-nitrilopropionamide

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D, D2B

WORK PLACE HAZARD: Corrosive solid

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Corrosive Solids, toxic, N.O.S.

TDG CLASSIFICATION: 8, 6.1

UN NUMBER (PIN): 2923

PACKING GROUP: III

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₍₅₀₎ Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Dibromo-3-Nitrilopropionamide	97.6	10222-01-2	201 mg/kg		

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EYE CONTACT: Will cause eye burns and permanent tissue damage.

SKIN CONTACT: May cause irritation of the skin.

INGESTION: This Material is harmful and possible fatal if swallowed.

INHALATION: May cause irritation to respiratory system

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash skin with copious amounts of water and seek physician

EYE CONTACT: Flush with copious amounts of water immediately. Seek Physician



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INGESTION: Seek medical attention. INDUCE VOMITING. Seek medical attention immediately.

INHALATION: Remove patient to fresh air. Apply artificial respiration as required. seek medical attention

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	White powder, disinfectant
SPECIFIC GRAVITY:	N/A
BOILING POINT (°C):	N/A
MELTING POINT (°C):	N/A
SOLUBILITY IN WATER:	1.5% @ 23°C
PERCENT VOLATILE BY VOLUME:	N/A
EVAPORATION RATE:	Is slower than Butyl Acetate
VAPOUR PRESSURE (mm Hg):	N/A
BULK DENSITY (lb/ft3):	1.33 g/cc

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
EXTINGUISHING MEDIA:	Fog , Water
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self-contained breathing apparatus
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Strong contact with strong bases	
CONDITIONS OF REACTIVITY:	Excessive heat (>70°C)	
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide which can act as an asphyxiant	
HAZARDOUS POLYMERIZATION:	Will Not Occur [XX]	May Occur []

VIII: PREVENTIVE MEASURES



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SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	If in concentration are high suggest use of a NIOSH approved full facepiece organic vapour respirator.
VENTILATION:	Local Exhaust
PROTECTIVE GLOVES:	Chemical resistant gloves
EYE PROTECTION:	Safety glasses or goggles
OTHER PROTECTIVE EQUIPMENT:	None

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with eyes, skin or clothing. Do not use empty container for any reason. Wash thoroughly after handling

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Pick up spill with broom, shovel, or vacuum. Place contaminated material in approved disposal container.

WASTE DISPOSAL METHOD

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the user to determine if contaminated material meets hazardous waste requirements.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

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24 HOUR PHONE:	403-252-5904		