

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

MANUFACTURER: SUPPLIER:
MULTI-BLEND LTD.
2720 SLOUGH STREET
ONTARIO L4T 1G3

EMERGENCY TEL: CANUTEC 613-996-6666

PRODUCT NAME: **CT 200**

CHEMICAL NAME: ND
CHEMICAL FAMILY: ND
PRODUCT USE: WATER TREATMENT

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX CONC	CAS NO.	LD(50) oral rat	LC(50)
ZINC SULPHATE	1-5	7733-02-0	1891 mg/Kg	
AMINOTRI(METHYLENEPHOSPHONIC ACID)SODIUM SALT	5-10	20592-85-2	2910 mg/Kg	ND
BENZOTRIAZOLE	0.1-1.0	95-14-7	675 mg/Kg	ND

SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID
ODOUR AND APPEARANCE.....SLIGHT ACRID ODOUR, CLEAR BROWN LIQUID
ODOUR THRESHOLD.....ND
SPECIFIC GRAVITY.....1.10 ± 0.5
VAPOUR PRESSURE.....NE
VAPOUR DENSITY(air=1).....NE
EVAPORATION RATE.....NE
SOLUBILITY IN WATER.....COMPLETE
BOILING POINT.....>100 C
pH.....1.0 ± 0.5
COEFF. WATER/OIL DISTR....NE

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....NONE
EXTINGUISHING MEDIA.....WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
HAZARDOUS COMBUSTION PRODUCTS..OXIDES OF CARBON, NITROGEN AND/OR ZINC AND SULPHUR. ACIDIC FUMES.
SPECIAL PROCEDURES.....USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES
FLASH POINT (DEG)C.....ND
UPPER FLAMMABLE LIMIT.....ND
LOWER FLAMMABLE LIMIT.....ND
AUTO IGNITION TEMP.....ND
EXPLOSION DATA.....ND
SENSITIVITY TO STATIC CHARGE...ND

SECTION V REACTIVITY DATA

CHEMICAL STABILITY.....STABLE
CONDITIONS TO AVOID.....ND
INCOMPATIBLE SUBSTANCES..... OXIDIZING AGENTS AND STRONG ALKALIS
HAZARDOUS DECOMPOSITION.....OXIDES OF CARBON, NITROGEN AND/OR SULPHUR AND ZINC. ACIDIC SOLUTION WILL RELEASE TOXIC CHLORINE GAS IF MIXED WITH BLEACH.
HAZARDOUS POLYMERIZATION.....NONE

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:
SKIN: CORROSIVE. MAY CAUSE IRRITATION OR BURNING OF THE SKIN
EYES: MAY CAUSE IRRITATION, REDNESS AND PAIN. CAN CAUSE CORNEAL DAMAGE.
INHALATION: MAY CAUSE IRRITATION OR CORROSION OF MUCOUS MEMBRANES
EFFECTS OF CHRONIC EXPOSURE: REPEATED EXPOSURE TO ZINC MAY CAUSE SWELLING OF THE SKIN OR OTHER SUCH ERUPTIONS.
EXPOSURE LIMITS NONE DETERMINED

IRRITANCY OF MATERIAL.....MODERATE
SENSITIZATION TO MATERIAL.....ND
CARCINOGENICITY.....NONE KNOWN
REPRODUCTIVE TOXICITY.....NONE KNOWN
TERATOGENICITY.....NONE KNOWN
MUTAGENICITY.....NONE KNOWN
SYNERGISTIC PRODUCTS.....NONE KNOWN

SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....CHEMICAL IMPERMEABLE RUBBER GLOVES
EYE PROTECTION.....GOGGLES
RESPIRATORY PROTECTION.....NOT NORMALLY REQUIRED, HOWEVER UNDER POORLY VENTILATED CONDITIONS A NIOSH APPROVED RESPIRATOR IS STRONGLY RECOMMENDED
FOOT WEAR.....SAFETY BOOTS
CLOTHING.....SAFETY PROTECTIVE CLOTHING (CHEMICAL RESISTANT)
ENGINEERING CONTROLS.....GENERAL MECHANICAL VENTILATION SYSTEM IS ADEQUATE. HOWEVER LOCAL EXHAUST SYSTEM IS RECOMMENDED IF MISTING CONDITIONS ARE PRESENT, OR THE PRODUCT IS USED IN A POORLY VENTILATED CONFINED SPACE.
LEAK AND SPILL PROCEDURE.....SMALL SPILLS CAN BE NEUTRALIZED WITH WATER. LARGER SPILLS: DYKE AREA TO PREVENT ANY POTENTIAL ROUTES TO WATER SYSTEM. EVACUATE AREA IF FUMES ARE IRRITATING. SPILL SHOULD BE CONTAINED AND COLLECTED IN A PROPERLY LABELLED CONTAINER FOR LATER DISPOSAL.
WASTE DISPOSAL.....DISPOSE OF IN APPROVED LAND FILL SITE ACCORDING TO LOCAL, FEDERAL, PROVINCIAL AND MUNICIPAL WASTE REGULATIONS.
HANDLING PROCEDURES AND EQUIPMENT.. AVOID SKIN AND EYE CONTACT. AVOID INHALATION OF FUMES. DO NOT PUNCTURE DRAG OR SLIDE CONTAINERS. DO NOT SMOKE IN HANDLING AREAS. WASH HANDS AFTER HANDLING PRODUCT.
STORAGE REQUIREMENTS.....KEEP FROM FREEZING. KEEP CONTAINERS TIGHTLY CLOSED. STORE AWAY FROM INCOMPATIBLE MATERIALS AND IGNITION SOURCES.

SECTION VIII FIRST AID MEASURES

PROCEDURES:INHALATION: REMOVE VICTIM TO FRESH AIR. IF PATIENT EXPERIENCES NAUSEA, HEADACHE, DIZZINESS, HAS DIFFICULTY BREATHING SEEK MEDICAL AID IMMEDIATELY.
SKIN: WASH WITH PLENTY OF SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION. EYES:FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES, LIFTING EYELIDS. SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH WITH COPIOUS AMOUNTS OF WATER. IRRIGATE THE ESOPHAGUS AND DILUTE THE STOMACH CONTENTS, BY SLOWLY GIVING PATIENT 1 OR 2 GLASSES OF WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS SEMICONSCIOUS OR CONVULSING PATIENT. RUSH TO A DOCTOR IMMEDIATELY.

ADDITIONAL INFORMATION

WHMIS CLASSIFICATION...CLASS D DIV. 2B, CLASS E
TDG CLASSIFICATION.....NR
SHIPPING NAME...NR
PIN.....NA PACKING GROUP.....NA
HAZARD RATING: HEALTH: 2 FIRE: 0 REACTIVITY: 1 SPECIAL: ND

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: May 8, 20010
TEL: 905-678-9559

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