

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

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

PRODUCT NAME: **DISSOLVE**

CHEMICAL NAME: NA CHEMICAL FAMILY: NA
PRODUCT USE: TOILET BOWL **CLEANER AND DESCALER**

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- CONC.	CAS NO.	LD(50) (RAT ORAL)	LC(50)
ORGANIC SALT (Urea monohydrochloride)	15-40	506-89-8	1121 mg/kg	ND

SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID
ODOUR AND APPEARANCE.....MINT ODOR,BLUE LIQUID,
VISCIOUS,
ODOUR THRESHOLD.....ND
SPECIFIC GRAVITY.....1.03
VAPOUR PRESSURE.....ND
VAPOUR DENSITY(air=1).....ND
EVAPORATION RATE.....1.0 (WATER = 1)
SOLUBILITY IN WATER.....COMPLETE
BOILING POINT.....100 C
pH.....1.0 - 2.0
COEFF. WATER/OIL DISTR....ND

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....NONE
EXTINGUISHING MEDIA.....THAT FOR SURROUNDING
MATERIALS
HAZARDOUS COMBUSTION PRODUCTS..NONE
SPECIAL PROCEDURES.....NONE
FLASH POINT (DEG)C.....NA
HAZARDOUS COMBUSTION PRODUCTS..
UPPER FLAMMABLE LIMIT.....NA
LOWER FLAMMABLE LIMIT.....NA
AUTO IGNITION TEMP.....NA
EXPLOSION DATA.....NA
SENSITIVITY TO STATIC CHARGE...NA

SECTION V REACTIVITY DATA

CHEMICAL STABILITY.....NORMALLY STABLE
CONDITIONS TO AVOID.....ND
INCOMPATIBLE SUBSTANCES.....STRONG ACIDS,
OXIDIZERS, CHLORATES, NITRATES, HYPOCHLORITES (eg.
Chlorine, sulfides or cyanides - WILL RELEASE TOXIC GASES).
CONTACT WITH ALKALINE MATERIALS MAY GENERATE HEAT.
HAZARDOUS DECOMPOSITION.....THERMAL DECOMPOSITION
MAY YIELD OXIDES OF CARBON, NITROGEN AND CHLORINE.
HYDROGEN GAS MAY BE RELEASED ON CONTACT WITH
CERTAIN METALS.
HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR

SECTION VI TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY
SKIN CONTACT.....YES SKIN ABSORPTION..YES
EYE CONTACT.....YES INHALATION.....NO
INGESTION.....YES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL: EYE CONTACT
MAY CAUSE BURNS, SEVERE IRRITATION, REDDENING AND
SWELLING OF TISSUES AROUND EYES.
SKIN: NON CORROSIVE TO SKIN. MAY CAUSE IRRITATION
INGESTION: MAY CAUSE VOMITING, HEADACHE AND MEDICAL

PROBLEMS. MAY BE FATAL.
INHALATION: MAY CAUSE NOSE, THROAT AND RESPIRATORY TRACT
IRRITATION. PRODUCT HAS A LOW VAPOUR PRESSURE AT ROOM
TEMPERATURE SO POSES NO SIGNIFICANT INHALATION HAZARD
EFFECTS OF CHRONIC EXPOSURE:
SKIN - PROLONGED OR REPEATED EXPOSURE MAY CAUSE
IRRITATION AND REDDENING. MAY CAUSE DERMATITIS
EYES - CONTACT CAUSES BURNS TO THE EYES.
EXPOSURE LIMITS.....SEE SECTION II
IRRITANCY OF MATERIAL.....CORROSIVE TO EYES
SENSITIZATION TO MATERIAL.....ND
CARCINOGENICITY..NONE KNOWN REPRODUCTIVE TOXICITY..NONE
TERATOGENICITY.....NONE MUTAGENICITY.....NONE
SYNERGISTIC PRODUCTS.....NONE

SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....PVC, NEOPRENE OR RUBBER GLOVES
EYE PROTECTION.....SAFETY GOGGLES
RESPIRATORY PROTECTION.....RESPIRATOR FOR MISTS IF
POSSIBLE SOURCE OF ENTRY
FOOTWEAR.....NO SPECIAL REQUIREMENTS
CLOTHING.....RUBBER APRON
ENGINEERING CONTROLS..GENERAL EXHAUST USUALLY ADEQUATE.
LEAK AND SPILL PROCEDURE.....ABSORB SPILLS WITH NON
REACTIVE ABSORBENT AND PLACE IN LABELLED CONTAINERS FOR
DISPOSAL. SMALL SPILLS MAY BE NEUTRALISED WITH LARGE
AMOUNTS OF WATER.
WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH LOCAL
BY-LAWS.
HANDLING PROCEDURES/EQUIPMENT..NONE
STORAGE REQUIREMENTS.....KEEP FROM FREEZING. STORE AT
ROOM TEMPERATURE. AVOID HIGH HEAT.

SECTION VIII FIRST AID MEASURES

PROCEDURES:
EYES - FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15
MINUTES. IF IRRITATION PERSISTS, CALL A PHYSICIAN.
SKIN - WASH WITH PLENTY OF WATER. IF IRRITATION PERSISTS, SEE
A PHYSICIAN.
INGESTION - DO NOT INDUCE VOMITING.RINSE MOUTH WITH WATER
AND FOLLOW WITH 1 OR 2 GLASSES OF WATER. SEEK MEDICAL
ATTENTION IMMEDIATELY. NEVER GIVE PATIENT ANYTHING BY
MOUTH IF UNCONSCIOUS OR CONVULSING

ADDITIONAL INFORMATION

WHMIS CLASSIFICATION...CLASS D 2B CLASS E
TDG CLASSIFICATION..... CLASS 8
SHIPPING NAME. :CORROSIVE LIQUID N.O.S.(UREA
MONOHYDROCHLORIDE)
PIN.....UN 1760 PACKING GROUP.....III

HAZARD RATING: HEALTH:1 FIRE:0 REACTIVITY:1 SPECIAL:0
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: Dec 15, 2010
Tel: 905-678-9559

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