

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

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

PRODUCT NAME: RENEW

CHEMICAL NAME: NA
CHEMICAL FAMILY: ACID CLEANERS
PRODUCT USE: ACID CLEANER

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- CONC.	CAS NO.	LD50 (RAT ORAL)	LC50 inhalation rat
PHOSPHORIC ACID	15-40	7664-38-2	1250 mg/kg	850 mg/M ³ 1 hr

SECTION III PHYSICAL DATA

PHYSICAL STATE: LIQUID, SEMI VISCOUS
ODOUR AND APPEARANCE: MINT ODOR LIGHT BLUE LIQUID
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.1 +/- .05
VAPOUR PRESSURE: ND
VAPOUR DENSITY (air=1): ND
EVAPORATION RATE: < 1
SOLUBILITY IN WATER: COMPLETE
BOILING POINT: 98 DEG. C
pH: 10% SOLUTION <2
COEFF. WATER/OIL DISTR: NA

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: NONE
EXTINGUISHING MEDIA: WATER OR SUITABLE AGENT FOR
ADJACENT FIRES
SPECIAL PROCEDURES: KEEP CONTAINERS COOL BY
WATER SPRAY USE SELF-CONTAINED BREATHING
APPARATUS.
FLASH POINT (DEG. C): NA
HAZARDOUS COMBUSTION PRODUCTS: HYDROGEN
FLUORIDE GAS, PHOSPHORIC OXIDE AND HYDROGEN GAS
MAY EVOLVE WHEN IN CONTACT WITH METAL.
UPPER FLAMMABLE LIMIT: ND
LOWER FLAMMABLE LIMIT: ND
AUTO IGNITION TEMP: ND
EXPLOSION DATA: NA
SENSITIVITY TO STATIC CHARGE: ND

SECTION V REACTIVITY DATA

CHEMICAL STABILITY: NORMALLY STABLE
CONDITIONS TO AVOID: HIGH TEMPERATURES
INCOMPATIBLE SUBSTANCES: STRONG ALKALIES AND
OXIDIZERS
HAZARDOUS DECOMPOSITION: SAME AS COMBUSTION
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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: IRRITATION
TO RESPIRATORY SYSTEM AND EYES. POISONOUS AND
CORRSIVE EFFECT TO SKIN.
EFFECTS OF CHRONIC EXPOSURE: BONE & JOINT
CHANGES IN HUMANS (FLUOROSIS)

EXPOSURE LIMITS. OSHA 8HR TWA 1 mg/M3 FOR PHOSPHORIC ACID

IRRITANCY OF MATERIAL: MODERATE
SENSITIZATION TO MATERIAL: ND
CARCINOGENICITY: ND
REPRODUCTIVE TOXICITY: ND
TERATOGENICITY: ND
MUTAGENICITY: ND
SYNERGISTIC PRODUCTS: ND

SECTION VII PREVENTIVE MEASURES

HAND PROTECTION: RUBBER OR PVC
EYE PROTECTION: GOGGLES
RESPIRATORY PROTECTION: NIOSH APPROVED IF NO
VENTILATION AVAILABLE
FOOTWEAR: CHEMICAL RESISTANT
CLOTHING: RUBBER APRON IF SPLASHING COULD OCCUR
ENGINEERING CONTROLS: NORMAL VENTILATION
LEAK AND SPILL PROCEDURE:
SMALL SPILLS MAY BE NEUTRALIZED WITH LARGE AMOUNTS OF
WATER.
LARGER SPILLS: CONTAIN AND TRANSFER TO A NON METAL
CONTAINER, AREA CAN BE NEUTRALIZED WITH SODA ASH AND
RINSED.
WASTE DISPOSAL: IN ACCORDANCE WITH LOCAL REGULATIONS
HANDLING PROCEDURES AND EQUIPMENT: HANDLE AS WITH ANY
OTHER ACID PRODUCT
STORAGE REQUIREMENTS: COOL DRY AREA

SECTION VIII FIRST AID MEASURES

PROCEDURES:
SKIN; REMOVE CONTAMINATED CLOTHING. FLUSH WITH WATER, IF
IRRITATION PERSIST SEEK MEDICAL ATTENTION. EYES; FLUSH WITH
COPIOUS AMOUNTS OF WATER FOR 15 MINUTES, IF IRRITATION
PERSISTS SEEK MEDICAL ATTENTION. INHALTION; REMOVE TO
FRESH AIR SEEK MEDICAL ADVICE. INGESTION; DRINK LOTS OF
WATER MILK IF AVAILABLE, SEEK MEDICAL ATTENTION IMMEDIATELY.

ADDITIONAL INFORMATION

WHMIS CLASSIFICATION: CLASS E CLASS D DIV 2B
TDG CLASSIFICATION: CLASS 8
SHIPPING NAME: CORROSIVE LIQUID N.O.S.(PHOSPHORIC ACID)
PIN: UN 1760
PACKING GROUP: III
HAZARD RATING:
HEALTH: 1 FIRE: 0 REACTIVITY: 0 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: May 15, 2011
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