

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: **MEDI QUAT-4**
CHEMICAL NAME: NA
CHEMICAL FAMILY: NA
PRODUCT USE: HARD SURFACE GERMICIDAL CLEANER

SECTION II HAZARDOUS INGREDIENT

HAZARDOUS- INGREDIENTS	APPROX- CONC.%	CAS NO.	LD(50) (RAT ORAL)	LC(50)
NONYL PHENOL ETHOXYLATE	3-7	9016-45-9	3000 MG/KG	ND
TETRASODIUM ETHYLENE DIAMINETETRAACETATE	1-5	64-02-8	3030 MG/KG	ND
SODIUM META SILICATE	1-5	6834-92-0	770 MG/KG	ND
QUATERNARY AMMONIUM SOLN. MIXTURE	10-30	6824-85-1 6824-95-3 64-17-5	ND	ND

SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID
ODOUR AND APPEARANCE.....NO DISTINCT ODOUR,CLEAR
ODOUR THRESHOLD.....ND
SPECIFIC GRAVITY.....1.04
VAPOUR PRESSURE.....ND
VAPOUR DENSITY(air=1).....ND
EVAPORATION RATE.....(BuAc=1) NA
SOLUBILITY IN WATER.....COMPLETE
BOILING POINT.....100 DEG. C
pH.....13.0 ± 0.5
COEFF. WATER/OIL DISTR....ND

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....NONE
EXTINGUISHING MEDIA..... AS FOR SURROUNDING MATERIAL
HAZARDOUS COMBUSTION PRODUCTS..NA
SPECIAL PROCEDURES.....NA
FLASH POINT (DEG)C.....NA
HAZARDOUS COMBUSTION PRODUCTS..OXIDES OF CARBON
UPPER FLAMMABLE LIMIT.....NA
LOWER FLAMMABLE LIMIT.....NA
AUTO IGNITION TEMP.....NA
EXPLOSION DATA.....NA
SENSITIVITY TO STATIC CHARGE...NO

SECTION V REACTIVITY DATA

CHEMICAL STABILITY.....STABLE
CONDITIONS TO AVOID.....NONE
INCOMPATIBLE SUBSTANCES.....STRONG OXIDISING SUBSTANCES
HAZARDOUS DECOMPOSITION.....NONE KNOWN
HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR

SECTION VI TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY
SKIN CONTACT.....X SKIN ABSORPTION..X
EYE CONTACT.....X INHALATION.....X
INGESTION.....X

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:REPEATED CONTACT
WITH EYES: MAY CAUSE REDDENING AND SEVERE IRRITATION AND
SOME SWELLING OF TISSUE MAY OCCUR.
SKIN: CONTACT MAY CAUSE REDNESS, BURNS, PAIN AND
BLISTERING.
INHALATION:CAN CAUSE NOSE, THROAT AND RESPIRATORY TRACT
IRRITATION, COUGHING AND HEADACHE
INGESTION: MAY CAUSE VOMITING, HEADACHE AND MEDICAL

PROBLEMS.

EFFECTS OF CHRONIC EXPOSURE: PROLONGED EXPOSURE CAN
CAUSE DRYING DEFATTING AND DERMATITIS.
EXPOSURE LIMITS.....NA
IRRITANCY OF MATERIAL.....HAZARDOUS
SENSITIZATION TO MATERIAL.....EYES & SKIN
CARCINOGENICITY.....NONE KNOWN
REPRODUCTIVE TOXICITY.....NONE KNOWN
TERATOGENICITY.....NONE KNOWN
MUTAGENICITY.....NONE KNOWN
SYNERGISTIC PRODUCTS.....NONE

SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....GLOVES- LATEX,RUBBER,PVC
EYE PROTECTION.....CHEMICAL SPLASH GOGGLES IF EYE
CONTACT POSSIBLE
RESPIRATORY PROTECTION.....NOT REQUIRED IF GOOD
VENTILATION MAINTAINED
FOOT WEAR.....AS REQUIRED BY EMPLOYER
CLOTHING....."
ENGINEERING CONTROLS.....GENERAL VENTILATION
NORMALLY ADEQUATE

LEAK AND SPILL PROCEDURE.....SMALL SPILLS RINSE WITH
COPIOUS AMOUNTS OF WATER, FLUSH TO SEWER SYSTEM.
LARGE SPILLS: CONTAIN AND COLLECT INTO PROPERLY LABELLED
WASTE CONTAINERS. ABSORB REMAINING WITH ABSORBENT CLAY
AND COLLECT. MAKE SURE SPILL DOES NOT ENTER WATERWAY OR
SEWERS.

WASTE DISPOSAL.....IN ACCORDANCE WITH LOCAL BY-LAWS

HANDLING PROCEDURES AND EQUIPMENT..KEEP OUT OF REACH
OF CHILDREN. STORE IN A CLOSED CONTAINER.
STORAGE REQUIREMENTS.....KEEP FROM FREEZING

SECTION VIII FIRST AID MEASURES

PROCEDURES:EYE CONTACT: FLUSH WITH WATER FOR 15
MINUTES, IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.
SKIN CONTACT: WASH WITH SOAP AND WATER.REUSE
CONTAMINATED CLOTHING ONLY AFTER DRY CLEANING.SHOES
AND OTHER WEAR REUSE ONLY AFTER DECONTAMINATING.
INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST SEE A
PHYSICIAN.
INGESTION:DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER,
THEN DRINK ONE GLASS OF WATER. CONTACT A PHYSICIAN
IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON OR IF VICTIM IS CONVULSING.

ADDITIONAL INFORMATION

WHMIS CLASSIFICATION.
NOT WHMIS CONTROLLED UNDER PCP ACT
DIN 02069164
TDG CLASSIFICATION.....NR SHIPPING NAME...NR
PIN.....NR PACKING GROUP.....NR
HAZARD RATING: HEALTH: 3 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 1, 2010
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