

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

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

PRODUCT NAME: VINEGAR PURE WHITE
CHEMICAL FAMILY: ACETIC ACID
PRODUCT USE: NEUTRALIZER

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- APPROX- CAS NO. LD(50) LC(50)
INGREDIENTS CONC. (RAT ORAL) Inhalation Mouse
ACETIC ACID 1-5 64-19-7 3310mg/kg 5620PPM/ 1 HR

SECTION III PHYSICAL DATA

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE: CLEAR, VINEGAR ODOR
ODOUR THRESHOLD: NA
SPECIFIC GRAVITY: 1.01
VAPOUR PRESSURE: 18mm/Hg @20 C
VAPOUR DENSITY (air=1): NA
EVAPORATION RATE: 0.10 (Bu Ac =1)
SOLUBILITY IN WATER: COMPLETE
BOILING POINT: 100 DEG C
PH: 3.0-3.5
COEFF. WATER/OIL DISTR: NA

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: NONE
EXTINGUISHING MEDIA: WATER FOG,FOAM,CO2
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE,
CARBON MONOXIDE
SPECIAL PROCEDURES: SAME AS SURROUNDING
MATERIAL
FLASH POINT (DEG. C): NONE
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: EXTREME HEAT AND COLD
INCOMPATIBLE SUBSTANCES: STRONG ALKALIES AND
OXIDIZERS
HAZARDOUS DECOMPOSITION: CARBON DIOXIDE, CARBON
MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYE CONTACT MAY CAUSE MILD IRRITATION ;
SKIN CONTACT MAY CAUSE DRYNESS OR DEFATTING;
INHALATION MAY CAUSE IRRITATION OF NOSE, EYES AND
THROAT; INGESTION MAY CAUSE IRRITATION OF MOUTH
AND THROAT, NAUSEA AND VOMITING.

EFFECTS OF CHRONIC EXPOSURE: BURNS TO MUCOUS
MEMBRANES AND MOUTH. INHALATION MAY BE
IRRITATING

EXPOSURE LIMITS: time-weighted average 10 ppm;short term
exposure limit 15 ppm for ACETIC ACID

IRRITANCY OF MATERIAL: NE
SENSITIZATION TO MATERIAL: NE
CARCINOGENICITY: NONE KNOWN
REPRODUCTIVE TOXICITY: NONE KNOWN

TERATOGENICITY: NONE KNOWN
MUTAGENICITY: NONE KNOWN
SYNERGISTIC PRODUCTS: NE

SECTION VII PREVENTIVE MEASURES

HAND PROTECTION: RUBBER OR VINYL
EYE PROTECTION: GOGGLES IF EYE CONTACT POSSIBLE
RESPIRATORY PROTECTION: NORMAL VENTILATION
ADEQUATE
FOOTWEAR: NOT NORMALLY REQUIRED
CLOTHING: NORMAL CLOTHING
ENGINEERING CONTROLS: LOCAL EXHAUST
LEAK AND SPILL PROCEDURE: STOP AND CONTAIN LEAK,
PICK UP WITH WET VACUUM, OR DILUTE WITH COPIOUS
AMOUNTS OF WATER.
WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH
LOCAL AND MUNICIPAL BYLAWS.
HANDLING PROCEDURES AND EQUIPMENT: HANDLE WITH
CARE AND SAFETY.
STORAGE REQUIREMENTS: STORE AT AMBIENT TEMP.
KEEP FROM FREEZING.

SECTION VIII FIRST AID MEASURES

PROCEDURES:
EYES: FLUSH WITH WATER FOR 15 MIN. IF IRRITATION
PERSISTS, SEEK MEDICAL ATTENTION. SKIN: FLUSH WITH
WATER AND APPLY A MOISTURE RESTORING LOTION TO
SKIN IF IRRITATION PERSISTS. INHALATION: MOVE VICTIM
TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING,
GIVE WATER, FOLLOWED BY SEVERAL GLASSES OF MILK
IF AVAILABLE IF VOMITING OCCURS GIVE FLUIDS AND
SEEK MEDICAL ATTENTION.

ADDITIONAL INFORMATION

WHMIS CLASSIFICATION: CLASS D, DIV. 2, B
TDG CLASSIFICATION: NR
PIN: NR
PACKING GROUP: NR
HAZARD RATING:
HEALTH: 1 FIRE: 0 REACTIVITY: 0 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 15, 2011
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