

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: **ALPINE SANITIZER**
CHEMICAL NAME: NA CHEMICAL FAMILY: NA
PRODUCT USE: LIQUID CLEANER AND DEODORISER

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- % CONC.	CAS NO.	LD(50) (RAT ORAL)	LC(50) INHALATION RAT
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ISOPROPYLAMINE				
DODECYLBENZENE				
SULFONATE	10-30	26264-05-1	1836 mg/Kg	ND
METHYL ALCOHOL	10-30	67-56-1	5628 mg/Kg	64000 ppm/4hrs

SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID
ODOUR AND APPEARANCE.....PINE, CLEAR GREEN LIQUID
ODOUR THRESHOLD.....ND
SPECIFIC GRAVITY.....0.960
VAPOUR PRESSURE.....ND
VAPOUR DENSITY(AIR=1).....ND
EVAPORATION RATE.....(WATER=1) NEAR 1.0
SOLUBILITY IN WATER.....COMPLETE
BOILING POINT.....95 DEG. C
PH.....10.5-11.5
COEFF. WATER/OIL DISTR.....COMPLETE

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....FLAMMABLE
EXTINGUISHING MEDIA.....CO2, DRY CHEMICAL
HAZARDOUS COMBUSTION PRODUCTS..POSSIBLE OXIDES OF CARBON
SPECIAL PROCEDURES.....DO NOT EXPOSE TO OPEN FLAMES OR HIGH HEAT
FLASH POINT (DEG)C.....ND
HAZARDOUS COMBUSTION PRODUCTS..ACRID SMOKE
CARBON MONOXIDE
UPPER FLAMMABLE LIMIT.....36.5% BY VOLUME
LOWER FLAMMABLE LIMIT.....5.5 % BY VOLUME
AUTO IGNITION TEMP.....NA
EXPLOSION DATA.....ND
SENSITIVITY TO STATIC CHARGE.....ND

SECTION V REACTIVITY DATA

CHEMICAL STABILITY.....STABLE
CONDITIONS TO AVOID.....HIGH HEAT, OPEN FLAMES
INCOMPATIBLE SUBSTANCES.....STRONG OXIDISING AGENTS
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 SKIN & EYES MAY CAUSE REDDENING AND IRRITATION.

INHALATION MAY CAUSE DIZZINESS AND NAUSEA
INGESTION MAY CAUSE BLINDNESS OR DEATH EFFECTS OF CHRONIC EXPOSURE: MILD IRRITATION AND POSSIBLE RASH MAY OCCUR WITH EXTREME OVEREXPOSURE.
INHALATION OR INGESTION OF LARGE QUANTITIES MAY CAUSE FLUSHING, NAUSEA, VOMITING, DIZZINESS AND HEADACHE.

EXPOSURE LIMITS: FOR METHYL ALCOHOL OSHA 8 hour time-weighted average 200 ppm (260 mg/m³)

IRRITANCY OF MATERIAL.....EYES
SENSITIZATION TO MATERIAL.....DEFATTING OF SKIN
CARCINOGENICITY.....NONE KNOWN
REPRODUCTIVE TOXICITY.....NONE KNOWN
TERATOGENICITY.....NONE KNOWN
MUTAGENICITY.....NONE KNOWN
SYNERGISTIC PRODUCTS.....NONE

SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....RUBBER GLOVES, DEPENDING ON SEVERITY OF EXPOSURE
EYE PROTECTION.....NONE UNLESS EYE CONTACT POSSIBLE
RESPIRATORY PROTECTION.....NOT REQUIRED
FOOT WEAR.....NORMAL
CLOTHING.....NORMAL
ENGINEERING CONTROLS.....LOCAL EXHAUST SHOULD BE SUFFICIENT
LEAK AND SPILL PROCEDURE..... ELIMINATE ALL SOURCES OF IGNITION, CONTAIN SPILL AND PICK UP WITH OIL ABSORBENT MATERIAL. PLACE IN A SEALED CONTAINER AND DISPOSE OFF. RINSE WITH LARGE AMOUNTS OF WATER.
WASTE DISPOSAL.....IN ACCORDANCE WITH LOCAL BY-LAWS
HANDLING PROCEDURES AND EQUIPMENT..AVOID HIGH HEAT, SPARKS AND OPEN FLAME OR OTHER SOURCES OF IGNITION.
STORAGE REQUIREMENTS.....STORE IN A COOL DRY PLACE

SECTION VIII FIRST AID MEASURES

PROCEDURES: EYE CONTACT: FLUSH WITH WATER, IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.
SKIN CONTACT: WASH WITH SOAP AND WATER.
INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER OR A COUPLE OF GLASSES OF CITRUS JUICE. SEEK MEDICAL ATTENTION IMMEDIATELY. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON.
INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION IMMEDIATELY.

ADDITIONAL INFORMATION

WHMIS CLASSIFICATION...CLASS B DIV.3, CLASS D DIV 2B
SHIPPING NAME.....NR (ALCOHOL EXEMPT)
TDG CLASSIFICATION.....NA
PIN.....NA PACKING GROUP.....NA

HAZARD RATING: HEALTH: 1 FIRE: 2 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: MARCH 15, 2011
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