

# MATERIAL SAFETY DATA SHEET

## SECTION I PRODUCT IDENTIFICATION

MANUFACTURER:  
MULTI-BLEND LTD  
2720 SLOUGH STREET  
MISSISSAUGA  
ONTARIO L4T 1G3

SUPPLIER:

EMERGENCY - CANUTEC: 613-996-6666

PRODUCT NAME: **SANITROL-MB**

CHEMICAL NAME: NA CHEMICAL FAMILY: ORGANIC  
PRODUCT USE: SANITIZING AGENT

## SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- CONC.	CAS NO.	LD(50) (RAT ORAL)	LC(50)
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	1-5%	68424-85-1	ND	ND
DI-N-ALKYL DI-METHYL AMMONIUM CHLORIDE	1-5%	68424-95-3	ND	ND
ETHYL ALCOHOL	1-5%	64-17-5	ND	ND

## SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID  
ODOUR AND APPEARANCE.....CLEAR, LIQUID , MILD AMINE ODOUR  
ODOUR THRESHOLD.....NA  
SPECIFIC GRAVITY.....1.01  
VAPOUR PRESSURE.....NA  
VAPOUR DENSITY(AIR=1).....>1  
EVAPORATION RATE.....SAME AS WATER  
SOLUBILITY IN WATER.....COMPLETE  
BOILING POINT.....100 C  
PH.....7.0-8.0  
COEFF. WATER/OIL DISTR.....NA

## SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....NONE  
EXTINGUISHING MEDIA.....CHEMICAL FOAM, CO2, WATER FOG  
HAZARDOUS COMBUSTION PRODUCTS..CARBON DIOXIDE, CARBON MONOXIDE,  
OXIDES OF NITROGEN, HYDROGEN CHLORIDE FUMES  
SPECIAL PROCEDURES.....WEAR FULL PROTECTIVE GEAR INCLUDING SELF-  
CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH  
WATER SPRAY. PRODUCTS OF COMBUSTION ARE TOXIC.  
FLASH POINT (DEG)C.....ND  
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.....HIGH TEMPERATURES  
INCOMPATIBLE SUBSTANCES.....STRONG OXIDIZING AND REDUCING AGENTS,  
ALKALIES  
HAZARDOUS DECOMPOSITION.....OXIDES OF NITROGEN AND CARBON, HYDROGEN  
CHLORIDE  
HAZARDOUS POLYMERIZATION.....NA

## 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:  
EYES- CONTACT MAY CAUSE EYE DAMAGE OR BURNS  
SKIN- PROLONGED CONTACT MAY CAUSE IRRITATION  
INHALATION- VAPOURS OR MIST MAY CAUSE IRRITATION OF MUCOUS MEMBRANES  
INGESTION- MAY CAUSE IRRITATION AND BURNING SENSATION OF LIPS, MOUTH AND  
THROAT AND ABDOMEN, SWELLING OF LARYNX, DIFFICULTY IN BREATHING,  
CIRCULATORY SHOCK, CONVULSIONS, MAY BE FATAL IF SWALLOWED

EFFECTS OF CHRONIC EXPOSURE: NOT ESTABLISHED

EXPOSURE LIMITS.....NA  
IRRITANCY OF MATERIAL.....LOW  
SENSITIZATION TO MATERIAL.....NA  
CARCINOGENICITY.....NA  
REPRODUCTIVE TOXICITY.....NA  
TERATOGENICITY.....NA  
MUTAGENICITY.....NA  
SYNERGISTIC PRODUCTS.....NA

## SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....RUBBER GLOVES  
EYE PROTECTION.....FACE SHIELD OR SAFETY GOGGLES  
RESPIRATORY PROTECTION.....NONE REQUIRED IF GOOD VENTILATION IS  
MAINTAINED  
FOOT WEAR.....RUBBER SAFETY BOOTS  
CLOTHING.....NO SPECIAL REQUIREMENTS  
ENGINEERING CONTROLS.....LOCAL EXHAUST AS NEEDED TO CONTROL  
FUMES  
LEAK AND SPILL PROCEDURE.....REMOVE IGNITION SOURCES. DIKE AND  
CONTAIN SPILL WITH INERT MATERIAL AND TRANSFER TO CONTAINERS FOR  
RECOVERY OR DISPOSAL. KEEP SPILLS OUT OF SEWERS AND OPEN WATER  
BODIES. CAUTION- FLOORS MAY BE SLIPPERY.  
WASTE DISPOSAL.....INCINERATE IN APPROVED EQUIPMENT OR DISPOSE  
IN SECURE LANDFILL ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL  
REGULATIONS.  
HANDLING PROCEDURES AND EQUIPMENT..WEAR PROTECTIVE CLOTHING  
STORAGE REQUIREMENTS.....STORE IN A COOL, DRY, WELL VENTILATED  
AREA IN ORIGINAL CONTAINER TIGHTLY SEALED.

## SECTION VIII FIRST AID MEASURES

PROCEDURES: EYES- IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15  
MINUTES. IF PAIN OR IRRITATION PERSIST, SEEK MEDICAL ASSISTANCE.  
SKIN- REMOVE CONTAMINATED CLOTHING AND THOROUGHLY WASH  
CONTAMINATED AREA WITH SOAP AND WATER. IF PAIN OR IRRITATION PERSIST  
, GET MEDICAL ASSISTANCE. LAUNDRY CLOTHING BEFORE REUSE.  
INHALATION- MOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE  
OXYGEN. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION AND THEN  
GIVE OXYGEN. GET MEDICAL ATTENTION.  
INGESTION- IF SWALLOWED- DO NOT INDUCE VOMITING- DRINK LARGE  
QUANTITY OF MILK, EGG WHITES, GELATIN SOLUTION OR WATER. AVOID  
ALCOHOL. CONTACT A PHYSICIAN IMMEDIATELY.  
NOTE TO PHYSICIAN- PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE  
THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK, AS  
WELL AS OXYGEN AND BREATHING SUPPORT MAY BE NEEDED. IF PERSISTENT  
CONVULSIONS MAY BE CONTROLLED WITH THE CAUTIOUS INTRAVENOUS OF A  
SHORT ACTING BARBITURATE DRUG.

## ADDITIONAL INFORMATION

WHMIS CLASSIFICATION...NR..AS DIN APPROVED DIN NO. 02073021  
TDG CLASSIFICATION.....NR SHIPPING NAME..NR  
PIN.....NR PACKING GROUP.....NR

HAZARD RATING: HEALTH:2 FIRE=0 REACTIVITY:0 PECIAL: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: August 1, 2008  
Tel: 905-678-9559

DISCLAIMER: THE INFORMATION CONTAINED HEREIN IS COMPILED FROM  
SOURCES BELIEVED TO BE RELIABLE. THE MANNER AND CONDITIONS OF USE  
AND HANDLING MAY, INVOLVE OTHER AND ADDITIONAL CONSIDERATIONS. WE  
ACCEPT NO RESPONSIBILITY FOR THE ACCURACY, SUFFICIENCY, RELIABILITY  
OR FOR ANY LOSS OR INJURY RESULTING FROM THE USE OF THE  
INFORMATION.