

# 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: **LOW TEMP RINSE**  
CHEMICAL NAME: NA CHEMICAL FAMILY: NA  
PRODUCT USE: RINSE AGENT FOR DISHWASHING

## SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- % CONC.	CAS NO.	LD(50) RAT ORAL	LC(50) Inhalation rat
ISOPROPANOL	5-10	67-63-0	5045 mg/Kg	12000ppm/8hrs

## SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID  
ODOUR AND APPEARANCE.....NON-VISCOUS CLEAR BLUE  
LIQUID SLIGHT ALCOHOL ODOUR  
ODOUR THRESHOLD.....NA  
SPECIFIC GRAVITY.....1.01  
VAPOUR PRESSURE.....NA  
VAPOUR DENSITY(AIR=1).....NA  
EVAPORATION RATE.....(BUAC=1) 0.1  
SOLUBILITY IN WATER.....COMPLETE  
BOILING POINT.....80 DEG. C  
PH.....3 ± 0.5  
COEFF. WATER/OIL DISTR.....NA

## SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....VAPOUR MAY BE  
COMBUSTIBLE AT HIGH TEMPERATURES  
EXTINGUISHING MEDIA..... CO<sub>2</sub>, DRY CHEMICAL  
HAZARDOUS COMBUSTION PRODUCTS..POSSIBLE OXIDES  
OF CARBON  
SPECIAL PROCEDURES...DO NOT EXPOSE TO OPEN  
FLAMES  
FLASH POINT (DEG)C.....ND  
HAZARDOUS COMBUSTION PRODUCTS..ACRID SMOKE  
CARBON MONOXIDE  
UPPER FLAMMABLE LIMIT.....ND  
LOWER FLAMMABLE LIMIT.....ND  
AUTO IGNITION TEMP.....ND  
EXPLOSION DATA.....ND  
SENSITIVITY TO STATIC CHARGE...ND

## SECTION V REACTIVITY DATA

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

## SECTION VI TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE TO MATERIAL: REPEATED

CONTACT WITH SKIN & EYES MAY CAUSE REDDENING AND  
IRRITATION.  
EFFECTS OF CHRONIC EXPOSURE:MILD IRRITATION AND  
POSSIBLE RASH MAY OCCUR WITH EXTREME  
OVEREXPOSURE.  
EXPOSURE LIMITS.. 200 ppm (8-hour TWA) and 400 ppm for  
short-term exposure limit (STEL) for Isopropanol  
IRRITANCY OF MATERIAL.....ND  
SENSITIZATION TO MATERIAL.....ND  
CARCINOGENICITY.....NONE KNOWN  
REPRODUCTIVE TOXICITY.....NONE KNOWN  
TERATOGENICITY.....NONE KNOWN  
MUTAGENICITY.....NONE KNOWN  
SYNERGISTIC PRODUCTS.....NONE KNOWN

## SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....NOT NORMALLY REQUIRED  
EYE PROTECTION.NONE UNLESS EYE CONTACT POSSIBLE  
RESPIRATORY PROTECTION.....NOT REQUIRED  
FOOT WEAR.....NA  
CLOTHING.....NA  
ENGINEERING CONTROLS.....NA  
LEAK AND SPILL PROCEDURE.....TURN OFF ALL SOURCES  
OF IGNITION DYKE AND PICK UP EXCESS. STORE IN  
SUITABLE CLOSED CONTAINER FOR DISPOSAL RINSE WITH  
COPIOUS AMOUNTS OF WATER  
WASTE DISPOSAL.....IN ACCORDANCE WITH LOCAL  
BY-LAWS

HANDLING PROCEDURES AND EQUIPMENT..NA  
STORAGE REQUIREMENTS.....ND

## 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  
QUANTITIES OF WATER OR A COUPLE GLASSES OF CITRUS  
JUICE. SEEK MEDICAL ATTENTION.

## ADDITIONAL INFORMATION

WHMIS CLASSIFICATION...CLASS D DIV.2B  
TDG CLASSIFICATION.....NR  
PIN.....NR  
PACKING GROUP.....NR  
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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