

# 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: **ALUMASHINE**  
CHEMICAL NAME: NA  
CHEMICAL FAMILY: NA  
PRODUCT USE: ALKALINE CLEANER

## SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- APPROX- CAS NO. LD(50) LC(50)  
INGREDIENTS CONC. (RAT ORAL)

SODIUM  
HYDROXIDE 10-30 1310-73-2 500 mg/Kg ND

## SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID  
ODOUR AND APPEAR.....CLEAR, ODOURLESS, NON-VISCOUS,  
RED.  
ODOUR THRESHOLD.....ND  
SPECIFIC GRAVITY.....1.18  
VAPOUR PRESSURE.....ND  
VAPOUR DENSITY(air=1).....ND  
EVAPORATION RATE.....0.1  
SOLUBILITY IN WATER.....ND  
BOILING POINT.....100 C  
pH.....12-13  
COEFF. WATER/OIL DISTR...GREATER THAN 1

## SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....NONE  
EXTINGUISHING MEDIA.....THAT FOR SURROUNDING  
MATERIALS  
HAZARDOUS COMBUSTION PRODUCTS..NONE  
SPECIAL PROCEDURES.....NONE  
FLASH POINT (DEG)C.....NA  
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.....ND  
INCOMPATIBLE SUBSTANCES.....STRONG ACIDS, OXIDIZERS.  
HAZARDOUS DECOMPOSITION.....NONE  
HAZARDOUS POLYMERIZATION.....ND

## SECTION VI TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:ND  
EFFECTS OF CHRONIC EXPOSURE:  
SKIN - CAUSES IRRITATION AND REDDENING.  
EYES - CONTACT CAUSES IRRITATION.

EXPOSURE LIMITS...ACGIH 2 mg/M3 ceiling for Sodium Hydroxide  
IRRITANCY OF MATERIAL.....CORROSIVE TO SKIN AND EYES

SENSITIZATION TO MATERIAL.....SKIN AND MUCOUS MEMBRANES  
CARCINOGENICITY.....NONE KNOWN  
REPRODUCTIVE TOXICITY.....NONE  
TERATOGENICITY.....NONE  
MUTAGENICITY.....NONE  
SYNERGISTIC PRODUCTS.....NONE

## SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....PVC, NEOPRENE OR RUBBER  
GLOVES  
EYE PROTECTION.....SAFETY GOGGLES  
RESPIRATORY PROTECTION....RESPIRATOR FOR MISTS  
FOOTWEAR.....NO SPECIAL REQUIREMENTS  
CLOTHING.....RUBBER APRON  
ENGINEERING CONTROLS.....GENERAL EXHAUST USUALLY  
ADEQUATE.HOWEVER, LOCAL EXHAUST MAY BE NECESSARY IN  
CONFINED SPACES TO KEEP TLV WITHIN ACCEPTABLE LIMITS.  
LEAK AND SPILL PROCEDURE.....NEUTRALIZE WITH DILUTE ACID  
AND FLUSH WITH LARGE AMOUNTS OF WATER.

WASTE DISPOSAL.....CAN BE NEUTRALIZED AND DISPOSED  
OF IN ACCORDANCE WITH LOCAL BY-LAWS.

HANDLING PROCEDURES/EQUIPMENT..NONE  
STORAGE REQUIREMENTS.....KEEP FROM FREEZING. STORE  
AT ROOM TEMPERATURE.

## SECTION VIII FIRST AID MEASURES

PROCEDURES:  
EYES - FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST  
15 MINUTES. IF IRRITATION PERSISTS, CALL A PHYSICIAN.  
SKIN - WASH WITH PLENTY OF WATER. IF IRRITATION PERSISTS,  
SEE A PHYSICIAN.  
INGESTION - DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS  
OF MILK

## ADDITIONAL INFORMATION

WHMIS CLASSIFICATION...CLASS E, CLASS D DIV 2 B  
TDG CLASSIFICATION.....CLASS 8  
SHIPPING NAME.....CORROSIVE LIQUID N.O.S. (SODIUM  
HYDROXIDE SOLUTION)  
PIN.....UN 1760  
PACKING GROUP.....II  
HAZARD RATING: HEALTH:2 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: Dec 15, 2010

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