

# 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: **COIL BRITE**  
CHEMICAL NAME: NA CHEMICAL FAMILY: NA  
PRODUCT USE: ALKALINE CLEANER

## SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- CONC.	CAS NO.	LD(50) (RAT ORAL)	LC(50)
SODIUM HYDROXIDE	10-30	1310-73-2	500 MG/KG	ND
SODIUM METASILICATE	5-7	6834-92-0	1470MG/KG	ND

## SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID  
ODOUR AND APPEAR....., NON-VISCOUS RED.  
ODOUR THRESHOLD.....ND  
SPECIFIC GRAVITY.....1.18  
VAPOUR PRESSURE.....ND  
VAPOUR DENSITY(AIR=1).....ND  
EVAPORATION RATE.....1.0 (WATER=1)  
SOLUBILITY IN WATER.....ND  
BOILING POINT.....100 C  
PH.....12.5-13.5  
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.....NO SKIN ABSORPTION..YES  
EYE CONTACT.....YES INHALATION.....NO  
INGESTION.....YES  
EFFECTS OF CHRONIC EXPOSURE:  
SKIN: MAY CAUSE DRYING AND CRACKING WITH IRRITATION.  
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:  
EYES: CONTACT MAY CAUSE SEVERE IRRITATION, ULCERATION OF EYES, PERMANENT VISUAL DAMAGE MAY OCCUR.  
SKIN: CONTACT MAY CAUSE IRRITATION AND REDNESS.

INHALATION: PROLONGED EXPOSURE CAN CAUSE IRRITATION OF EYES, NOSE, THROAT, AND RESPIRATORY TRACT.  
INGESTION: MAY CAUSE IRRITATION AND BURNING OF THE LIPS, MOUTH, THROAT, RESPIRATORY TRACT, OESOPHAGUS, NAUSEA, VOMITING, ABDOMINAL PAIN, DIARRHOEA, EDEMA AND SUBSEQUENT SUFFOCATION, PERFORATION OF GASTROINTESTINAL TRACT.  
EXPOSURE LIMITS....SEE SECTION II. ACGIH -TLV 2 mg/M3 CEILING FOR SODIUM HYDROXIDE

## 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 15 MINUTES.SEEK MEDICAL ATTENTION  
SKIN: REMOVE CONTAMINATED CLOTHING AND WASH FOR 15 MINUTES WITH RUNNING WATER.SEEK MEDICAL ATTENTION.DRYCLEAN CLOTHES BEFORE REUSE.  
INHALATION:REMOVE TO FRESH AIR.GET MEDICAL ATTENTION  
INGESTION:IF SWALLOWED DO NOT INDUCE VOMITING.GIVE 1-2 GLASSES OF WATER OR CITRIC JUICES.IF VOMITING OCCURS GIVE FURTHER FLUIDS AND SEEK MEDICAL ATTENTION IMMEDIATELY.

## ADDITIONAL INFORMATION

WHMIS CLASSIFICATION...CLASS E, CLASS D 2B  
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: May 15, 2011  
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