

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: **WIRE WHEEL CLEANER – Non Acid**

CHEMICAL NAME: NA
CHEMICAL FAMILY: Alkaline Blend
PRODUCT USE: Industrial cleaner

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- CONC. %	CAS NO.	LD(50) (RAT ORAL)	LC(50)
POTASSIUM HYDROXIDE	1- 5	1310-58-3	273 mg/Kg	ND
Sodium nitrilo-triacetate, Monohydrate	5- 10	18662-53-8	1450 mg/Kg	ND
SODIUM METASILICATE	5-7	6834-92-0	1470 mg/Kg	ND

SECTION III PHYSICAL DATA

PHYSICAL STATE.....Liquid
ODOUR AND APPEARANCE.....Little or no odour, clear liquid or sometimes a clear red liquid
ODOUR THRESHOLD.....ND
SPECIFIC GRAVITY.....1.15 ± 0.5
VAPOUR PRESSURE.....ND
VAPOUR DENSITY (air=1).....ND
EVAPORATION RATE.....1
SOLUBILITY IN WATER.....(20 deg C) Complete
BOILING POINT.....100 deg C
pH.....14.0
COEFF. WATER/OIL DISTR.....ND

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....Non-Flammable
EXTINGUISHING MEDIA.....As for surrounding materials
HAZARDOUS COMBUSTION PRODUCTS.. Oxides of Nitrogen and/or carbon.
SPECIAL PROCEDURES.....As for surrounding materials.
FLASH POINT (DEG)C.....None
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.....Stable
CONDITIONS TO AVOID.....NA
INCOMPATIBLE SUBSTANCES.....Strong acids, strong oxidizing agents.
HAZARDOUS DECOMPOSITION.....None known
HAZARDOUS POLYMERIZATION.....Will not occur.

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:

Ingestion: Single dose oral toxicity is low. Signs and symptoms of overexposure: Headache, dizziness, incoordination, nausea, vomiting, loss of consciousness, loss of appetite.

Skin Contact: Causes severe skin irritation. Appearance of symptoms may be delayed after exposure.

Inhalation: Causes severe respiratory irritation.

Eye Contact: Causes severe eye irritation

EFFECTS OF CHRONIC EXPOSURE:

SKIN: MAY CAUSE DRYING AND CRACKING WITH IRRITATION.

EXPOSURE LIMITS.....ND

IRRITANCY OF MATERIAL.....MODERATE

SENSITIZATION TO MATERIAL.....ND

SYNERGISTIC PRODUCTS.....ND

Carcinogenicity Comment for Sodium nitrilo-triacetate, Monohydrate :

Rat & mouse, diet, chronic. This material produced tumours in laboratory animals at dose levels that exceed the maximum tolerated dose. Listed as a substance that "may reasonably be anticipated to be" carcinogenic by the National Toxicological Program (NTP) and is classified as "possibly carcinogenic to humans" by the International Agency for Research on Cancer (IARC).

Reproductive Toxicity/ Teratogenicity/ Embryotoxicity/ Mutagenicity: Signs of generalized toxicity (reduced body weight and/or reduced weight gain) were observed in parental animals and offspring with no effect on fertility or reproduction. Toxicity tests carried out for chronic effects and mutagenicity have been negative.

SECTION VII PREVENTIVE MEASURES

HAND PROTECTION..RUBBER OR VINYL GLOVES WHEN HANDLING
EYE PROTECTION.....CHEMICAL GOGGLES OR FACE SHIELD IF CONTACT IS LIKELY.

RESPIRATORY PROTECTION.....NONE FOR NORMAL USE.

FOOT WEAR.....NO SPECIAL REQUIREMENTS.

CLOTHING.....NO SPECIAL REQUIREMENTS.

ENGINEERING CONTROLS.....NONE FOR NORMAL PRODUCT USE

LEAK AND SPILL PROCEDURE.....DYKE AREA AND CONTAIN SPILL.PUMP INTO CONTAINER FOR RECOVERY AND DISPOSAL.NEUTRALISE REMAINING MATERIAL WITH DILUTE ACID AND FLUSH INTO SEWER WITH LARGE VOLUMES OF WATER.

WASTE DISPOSAL.....DISPOSE IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS

HANDLING PROCEDURES AND EQUIPMENT..AVOID CONTACT WITH EYES,SKIN OR CLOTHES. WASH SKIN THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS.....STORE IN A COOL DRY AREA. KEEP AWAY FROM ACIDS AND INCOMPATIBLES. DO NOT FREEZE.

SECTION VIII FIRST AID MEASURES

Eye Contact: Flush eyes with gently flowing water for at least 30 minutes or until the chemical is removed, while holding the eyelid(s) open. Take care not to rinse the contaminated water into the unaffected eye or face. Seek immediate medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 30 minutes. Get medical attention. Remove contaminated clothing and discard.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Seek medical attention.

ADDITIONAL INFORMATION

WHMIS CLASSIFICATION....CLASS D DIV 2B DIV 2A

TDG CLASSIFICATION.....NR

SHIPPING NAME:..NR

PIN.....NA PACKING GROUP.....NA

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
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.