

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

MANUFACTURER: SUPPLIER:
Multi-Blend Ltd.
2720 Slough Street
Mississauga
Ontario L4T 1G3
EMERGENCY TEL: CANUTEC 613-996-6666

PRODUCT NAME: **POWER SOAK**
CHEMICAL NAME: NA
CHEMICAL FAMILY: Alkaline Blend
PRODUCT USE: INDUSTRIAL PRE SOAK

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS- INGREDIENTS	APPROX- CONC. %	CAS NO.	LD(50) (RAT ORAL)	LC(50)
Potassium Pyrophosphates	1-5	7320-34-5	ND	ND
Sodium Silicate	1-5	1344-09-8	ND	ND
POTASSIUM HYDROXIDE	1-5	1310-58-3	365 MG/KG	ND

SECTION III PHYSICAL DATA

PHYSICAL STATE.....Liquid
ODOUR AND APPEARANCE.....Little or no odour, clear green liquid
ODOUR THRESHOLD.....NA
SPECIFIC GRAVITY.....1.1 ± 0.5
VAPOUR PRESSURE.....NA
VAPOUR DENSITY (air=1).....NA
EVAPORATION RATE.....1
SOLUBILITY IN WATER.....(20 deg C) Complete
BOILING POINT.....100 deg C
pH.....11.0 ± 12.0
COEFF. WATER/OIL DISTR.....NA

SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....Non-Flammable
EXTINGUISHING MEDIA.....As for surrounding materials
HAZARDOUS COMBUSTION PRODUCTS.. None Known
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.....X SKIN ABSORPTION...X
EYE CONTACT.....X INHALATION.....X
INGESTION.....X
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
REPEATED CONTACT WITH SKIN & EYES MAY CAUSE REDDENING AND IRRITATION.
INHALATION MAY CAUSE DIZZINESS AND NAUSEA
INGESTION MAY CAUSE NAUSEA, VOMITING, DIZZINESS AND HEADACHE.
EFFECTS OF CHRONIC EXPOSURE: MILD IRRITATION AND POSSIBLE RASH MAY OCCUR WITH EXTREME OVEREXPOSURE.

EFFECTS OF CHRONIC EXPOSURE:

Skin: may cause drying and cracking with irritation.
EXPOSURE LIMITS.....NA
IRRITANCY OF MATERIAL.....Moderate
SENSITIZATION TO MATERIAL.....NA
CARCINOGENICITY.....None known.
REPRODUCTIVE TOXICITY.....None known.
TERATOGENICITY.....None known.
MUTAGENICITY.....None known.
SYNERGISTIC PRODUCTS.....NA

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 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

Eyes: Flush with running water for 15 minutes. Get medical attention immediately
Skin: Remove contaminated clothing and flush skin with running water for 15 minutes. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.
Inhalation: Remove to fresh air. Get medical attention.
Ingestion: If swallowed DO NOT INDUCE VOMITING. Give 1-2 glasses of milk or water. If vomiting occurs give fluids again. Get immediate medical attention. Do not give anything to an unconscious patient.

ADDITIONAL INFORMATION

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

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.

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PREPARED BY: LAB GROUP DATE: August 1, 2008
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