

BEBBINGTON INDUSTRIES MATERIAL SAFETY DATA SHEET – RIM BRITE HD

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SECTION 1: PRODUCT IDENTIFICATION.

PRODUCT NAME :RIM BRITE HD
INTENDED USE: METAL CLEANER
TDG SHIPPING NAME: CORROSIVE LIQUIDS N.O.S.(HYDROFLUORIC ACID SOLUTION)
TDG CLASSIFICATION: CLASS 8, UN 1760, PG II
WHMIS CLASSIFICATION: D1A E POISON/CORROSIVE
MANUFACTURER: BEBBINGTON INDUSTRIES
44 WRIGHT AVENUE
DARTMOUTH, NOVA SCOTIA B3B 1G6
TELEPHONE: 902 468-8180 FAX: 902 468-8559
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SECTION 2: HAZARDOUS INGREDIENTS.

SULPHURIC ACID - CAS NO. 7664-93-9, LD 50 ORAL RAT 2140 MG/KG, LC 50 VAPOR 90 PPM 4 HOURS RAT	5 – 10%
HYDROFLUORIC ACID - CAS NO. 7664-39-3, LD 50 NOT AVAILABLE, LC 50 5100 PPM/5 MIN RAT	3 - 5%
NITRIC ACID - CAS NO. 7697-37-2, LD 50 HUMAN 430 MG/KG	1 - 5%
NON IONIC SURFACTANTS, (ALKYL, POLYOXYETHYLENES) BLEND OF CAS NO'S 68551-13-3, 68439-46-3, 66455-14-9 TLV, LD\50, LC\50 NOT AVAILABLE	1 - 3 %

SECTION 3: PHYSICAL DATA.

A CLEAR RED AQUEOUS SOLUTION THAT IS HIGHLY ACIDIC. RED COLOR MAY FADE WITH TIME.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

NO FIRE HAZARD. WILL REACT VIOLENTLY WITH EXPLOSION RISK IF MIXED WITH , CAUSTIC SODA OR ANY OTHER CAUSTIC MATERIAL. INCOMPATIBLE WITH ORGANIC MATERIAL, HALOGENS, OXIDES AND HYDRIDES, OXIDISING AND REDUCING AGENTS AND OTHER REACTIVE MATERIALS.

SECTION 5: HEALTH HAZARD DATA – ROUTES OF ENTRY

SKIN CONTACT – CAN CAUSE SEVERE BURNS THAT MAY NOT BE IMMEDIATELY VISIBLE OR PAINFUL. PRODUCT WILL PENETRATE SKIN AND ATTACK UNDERLYING TISSUE AND BONE AND MAY CAUSE CALCIUM DEPLETION IN THE BODY. LARGE BURNS COULD BE FATAL.

SWALLOWING - CORROSIVE. CAN CAUSE SEVERE BURNS TO THE MOUTH, THROAT AND STOMACH. MAY BE FATAL IF SWALLOWED.

INHALATION – MILD EXPOSURE CAN IRRITATE NOSE, THROAT AND LUNGS. HEAVY EXPOSURE TO MIST CAN CAUSE BURNS TO NOSE, THROAT AND RESPIRATORY TRACT, AND MAY CAUSE LUNG DAMAGE.

EYE CONTACT - CORROSIVE. CAN CAUSE REDNESS, PAIN, BLURRED VISION, BURNS AND PERMANENT EYE DAMAGE.

SECTION 6: FIRST AID PROCEDURES

SKIN CONTACT - REMOVE CONTAMINATED CLOTHING WHILE WASHING AND WASH SKIN WITH LOTS OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY. AFTER WASHING SKIN TREAT WITH CALCIUM GLUCONATE GEL BY MASSAGING GEL INTO BURN AREA. FOR LARGE BURNS A PHYSICIAN SHOULD INJECT 5% AQUEOUS CALCIUM GLUCONATE AROUND AND IN THE BURNED AREA.

SWALLOWING - DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF MILK OR WATER TO DILUTE. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

EYE CONTACT - RINSE EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS FREQUENTLY. CALL A PHYSICIAN IMMEDIATELY. IRRIGATE EYES WITH 1 % CALCIUM GLUCONATE FOR 1 – 2 HOURS.

INHALATION – REMOVE VICTIM TO FRESH AIR AND GET MEDICAL ATTENTION IMMEDIATELY.

NOTES TO PHYSICIAN : FOR BURNS OF LARGE SKIN AREAS, INGESTION AND SIGNIFICANT INHALATION EXPOSURE, SEVERE SYSTEMIC EFFECTS MAY OCCUR. MONITOR AND CORRECT FOR HYPOCALCEMIA, CARDIAC ARRHYTHMIAS, HYPOMAGNESEMIA AND HYPERKALEMIA. FOR SOME BURNS, ESPECIALLY OF THE DIGITS, THE USE OF INTER ARTERIAL CALCIUM GLUCONATE MAY BE INDICATED. TREAT AS CHEMICAL PNEUMONIA AND MONITOR FOR HYPOCALCEMIA. 2.5 % CALCIUM GLUCONATE IN NORMAL SALINE BY NEBULIZER OR BY IPPB WITH 100% OXYGEN MAY DECREASE PULMONARY DAMAGE. BRONCHODILATORS MAY ALSO BE ADMINISTERED.

SECTION 7: REACTIVITY DATA

INCOMPATIBLE WITH ALKALI, HYDROXIDES, HYDRIDES, OXIDISING AGENTS, HALOGENS AND MANY OTHER REACTIVE SUBSTANCES.

SECTION 8: SPILL OR LEAK PROCEDURES

DIKE AND COVER SPILLED LIQUID WITH DIRT, KITTY LITTER OR OTHER ABSORBENT. NEUTRALISE WITH SODIUM CARBONATE OR SODIUM BICARBONATE. DISPOSE OF NEUTRALISED WASTE ACCORDING TO LOCAL REGULATIONS.

SECTION 9: SPECIAL PROTECTION INFORMATION.

PROTECTIVE GLOVES - USE CHEMICAL RESISTANT GLOVES SUCH AS NEOPRENE
EYE PROTECTION - USE CHEMICAL GOGGLES OR A FULL FACE SHIELD.
FOOT PROTECTION - WEAR RUBBER BOOTS
PROTECTIVE CLOTHING - WEAR COVERALLS OR A PVC OR POLYPROYLENE CHEMICAL

SUIT
RESPIRATORY PROTECTION - RESPIRATORY PROTECTION IS REQUIRED FROM
VAPOURS AND MISTS. USE A NIOSH APPROVED RESPIRATOR.

AN EYE WASH AND SAFETY SHOWER SHOULD BE READILY AVAILABLE.

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HYDROFLUORIC ACID EXPOSURE SHOULD BE TREATED IMMEDIATELY WITH TOPICAL
CALCIUM GLUCONATE GELL. IT IS STRONGLY RECOMMENDED THAT USERS OF THIS
PRODUCT HAVE CALCIUM GLUCONATE GELL AVAILABLE TO TREAT ANY SKIN
EXPOSURE SHOULD IT OCCUR.

CALCIUM GLUCONATE PRODUCTS ARE AVAILABLE FROM

WWW.CALGONATE.COM.

SECTION 10: SPECIAL PRECAUTIONS.

DECK BRITNER CONTAINS HYDROFLUORIC AND OTHER ACIDS AND EXTREME CARE
SHOULD BE TAKEN TO ENSURE THAT SKIN CONTACT OR OTHER EXPOSURE DOES NOT
OCCUR TO THIS PRODUCT.

AVOID ALL CONTACT WITH SKIN, EYES AND CLOTHING. WASH HANDS AFTER
HANDLING.

WEAR PROTECTIVE CLOTHING AS RECOMMENDED.

SECTION 11: PREPARATION DATA.

PREPARED BY - BEBBINGTON INDUSTRIES DATE – FEBRUARY 2015

FOR FURTHER INFORMATION CONTACT BEBBINGTON INDUSTRIES 902-468-8180.

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