

# MATERIAL SAFETY DATA SHEET

**SECTION 1: PRODUCT IDENTIFICATION:** TRADE NAME: HOT SHOT – LIME SCALE & RUST REMOVER

**SECTION 2: HAZARDOUS INGREDIENTS**

ORGANIC SALT - CAS NO. 506-89-8; LD/50 ORAL RAT 1121 MG/KG RAT 15 - 40%

**SECTION 3: PHYSICAL DATA:** A CLEAR, AQUEOUS SOLUTION WITH A LOW ODOUR; PH = < 1.

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

RISK OF VIOLENT REACTION IF MIXED WITH CAUSTIC PRODUCTS SUCH AS SODIUM HYDROXIDE, POTASSIUM HYDROXIDE.

**SECTION 5: HEALTH HAZARD DATA**

**INHALATION** - MIST MAY IRRITATE RESPIRATORY TRACT.

**SKIN CONTACT** - CONTACT MAY CAUSE MILD SKIN IRRITATION.

**EYE CONTACT** - CONTACT MAY BE PAINFULL AND IRRITATING.

**SWALLOWING** - MAY BE HARMFUL OR FATAL IF INGESTED.

CONTAINS NO KNOWN CARCINOGENS, MUTAGENS OR TERRATOGENS.

**SECTION 6: FIRST AID PROCEDURES**

**SWALLOWING** - DO NOT INDUCE VOMITING. IF CONSIIOUS GIVE 3-4 GLASSES OF WATER TO DILUTE. CALL A PHYSICIAN IMMEDIATELY.

**SKIN CONTACT** - REMOVE CONTAMINATED CLOTHING AND WASH SKIN THOROUGHLY WITH WATER. SEEK MEDICAL ASSISTANCE IF SKIN REMAINS IRRITATED.

**EYE CONTACT** - FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. REMOVE CONTACT LENSES, HOLD EYE LIDS APART TO ENSURE THAT ALL OF EYE SURFACE IS WASHED. SEEK MEDICAL ATTENTION IMMEDIATELY.

**INHALATION** - IF MIST INHALED REMOVE VICTIM TO FRESH AIR. CALL A PHYSICIAN IMMEDIATELY.

**SECTION 7: REACTIVITY DATA**

STABLE UP TO 110°C / 230°F. HEATING ABOVE 110°C / 230°F RESULTS IN AN EXOTHERMIC DECOMPOSITION WITH RAPID RELEASE OF CO<sub>2</sub> GAS. AVOID CONTACT WITH OXIDIZERS. THIS MATERIAL IS ACIDIC. CONTACT WITH BLEACH, SULFIDES OR CYANIDES WILL LIBERATE TOXIC GASES. HYDROGEN GAS MAY BE RELEASED UPON CONTACT WITH CERTAIN METALS. NON FLAMMABLE. MAY EXPLODE IF MIXED WITH CAUSTIC PRODUCTS.

**SECTION 8: SPILL OR LEAK PROCEDURES**

THIS PRODUCT IS BIODEGRADABLE. FOR SPILLS OR LEAKS OF SMALL VOLUMES WASH AREA WITH WATER AND DISPOSE OF PRODUCT IN SEWER OR DRAIN. FOR LARGER VOLUMES USE AN ADSORBENT AND DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS.

**SECTION 9: SPECIAL PROTECTION INFORMATION**

PROTECTIVE GLOVES - RUBBER, NEOPRENE.

EYE PROTECTION - MONO GOGGLES

RESPIRATORY PROTECTION - NONE REQUIRED UNLESS PRODUCT IS MISTED AND THEN THE USE OF AN NIOSH RESPIRATOR IS RECOMMENDED WHEN THE PRODUCT IS BEING USED IN AREAS OF POOR VENTILATION OR IN CONFINED SPACES.

CLOTHING - USE COVERALLS

**SECTION 10: SPECIAL PRECAUTIONS:** AVOID CONTACT WITH SKIN, EYES AND CLOTHING. DO NOT INHALE MISTS. WASH HANDS AFTER USE. KEEP OUT OF REACH OF CHILDREN.

**SECTION 11: WHMIS CLASSIFICATION:** CLASSIFIED UNDER WHMIS AS CLASS D2B (NON-CORROSIVE TO SKIN AND STEEL) AND CLASS E (CORROSIVE TO ALUMINUM).

**SECTION 12: PREPARATION DATA.** PREPARED BY - PRISM CHEMICALS INC. DATE – JUNE 2008

FOR FURTHER INFORMATION CONTACT PRISM CHEMICALS INC. (905) 337-1874.

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