

MATERIAL SAFETY DATA SHEET

Product Name: **Garage Floor Cleaner**

Date: 03-Jun-03

Page 1 of 2

Supplied by: **KROWN RUST CONTROL SYSTEM**
247 CREDITSTONE ROAD
CONCORD ON L4K 1N6

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SECTION I PRODUCT INFORMATION

Product usage: Cleaner for concrete floors, machinery, etc.
Product type: Alkaline inorganic-organic chemical blend
WHMIS Class: Class E: Corrosive
TDG Class: Not regulated

SECTION II HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS#	Toxicity
Sodium Metasilicate	60 - 80	6834-92-0	LD50 (oral rats) 850 mg/kg. Corrosive to Eyes and Skin.

SECTION III PHYSICAL & CHEMICAL PROPERTIES

Appearance: White granular powder	Bulk Density (g/ml): Approx. 1.0
Odour: Slight	Freezing point: Not applicable
pH as is: Not applicable	Boiling Point: Not applicable
pH use dilution: 12 to 12.5 for 2% solution	Evaporation Rate: Not applicable
Solubility in water: 10%	Viscosity: Not applicable

SECTION IV FIRE AND EXPLOSION HAZARDS

Flash point: Non-flammable	Flammability: Non-flammable
Combustion products: Oxides of carbon.	To Extinguish: Not applicable

SECTION V HEALTH HAZARD DATA

Effects of Acute Exposure to...

Skin: Brief exposure may cause irritation. Water solutions of product are corrosive.

Eyes: May cause severe irritation or corneal injury. Dusts are irritating to eyes.

Ingestion: Corrosive to mouth and throat. Swallowing causes burning of the mouth, throat, and digestive tract accompanied by pain, vomiting and collapse. Some effects may be delayed.

Inhalation: Dusts or mists may cause irritation of mucous membranes, coughing.

Other: No carcinogenicity, mutagenicity, teratogenicity, reproductive effects reported for ingredients.

(continued on page 2)

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Page 2 of 2

SECTION V

HEALTH HAZARD DATA

(continued from page 1)

First Aid Procedures...

- Skin:** Remove contaminated clothing immediately. Wash exposed areas with copious amounts of running water until no longer slippery. Neutralize with an aqueous solution of Epsom salts (magnesium sulphate) or vinegar. Get medical attention if irritation persists.
- Eyes:** Flush with water running water for 20 minutes lifting the upper and lower eyelids occasionally. Get immediate medical attention.
- Ingestion:** Drink large quantities of milk or water, if possible. Do not induce vomiting. Other demulcent drinks may be helpful (e.g. raw egg whites, aluminum hydroxide gels). Avoid mineral oil and alcohol. Oxygen therapy and other measures against pulmonary edema, as indicated. Call a physician immediately.
- Inhalation:** Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no is no breathing and no pulse. Obtain medical attention immediately.

SECTION VI

REACTIVITY DATA

Avoid concentrated acids as heat is generated. Avoid extended contact with aluminum, tin, galvanized zinc, brass, and bronze as flammable hydrogen gas is formed. Avoid reducing agents and oxidizers. Hazardous polymerization will not occur.

SECTION VII

CLEANUP OF SPILLS OR LEAKS

Sweep up. Sweepings or waste material should be put in a clean dry plastic container away from other waste material. Flush contaminated area with plenty of water. Damp or contaminated material should not be placed in original container. For large spills, check with local environmental department, and government authorities.

SECTION VIII

SPECIAL PROTECTION

- Ventilation:** Provide adequate building ventilation.
- Breathing Protection:** Suitable breathing mask if dusts are present.
- Skin Protection:** Rubber gloves, rubber boots, barrier cream.
- Eye Protection:** Safety glasses with side shields.

SECTION IX

SPECIAL PRECAUTIONS

As with all chemicals there are known and unknown effects on humans. Minimize exposure of all chemicals, including this product, to skin, respiratory system, and eyes. Store product in suitable labelled containers. Keep container closed when not in use. Rinse work area after use. Keep out of reach of children. Avoid contamination of food. Wash thoroughly after handling. Store in cool dry well ventilated area away from open flame and heat sources.

References: Suppliers Material Safety Data Sheets.

Prepared by: Technical Dept.

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