

# MATERIAL SAFETY DATA SHEET

## SECTION I

## PRODUCT INFORMATION

Product Name: **GARAGE FLOOR CLEANER**

Date: 14-Oct-13

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Supplied by: **The Cleaning House**  
973 Barton St. E.  
Hamilton, ON L2L 3C4

Phone: (905) 547-2636  
Fax: (905) 547-1984  
Contact: Shannon Morgan

Product type: Highly alkaline inorganic chemical blend

WHMIS Class: Class E: Corrosive

Hazard Rating: HEALTH: (2) Moderate; FIRE (0) Insignificant; REACTIVITY: (0) Insignificant

TDG Class: Corrosive Solid Basic, Inorganic, N.O.S. (Sodium Hydroxide, Sodium Metasilicate) Class 8 UN3262 PGIII



## SECTION II

## HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS#	Toxicity
Sodium Hydroxide (Lye, Caustic)	15 - 20	1310-73-2	LD50(oral mice) 40 mg/kg; LV= 2 mg/kg; A 1 % solution in a rabbit's eye for 24 hrs. produced severe irritation. Corrosive.
Sodium Metasilicate	50 - 80	6834-92-0	LD50 (oral rats) 850 mg/kg. Corrosive to Eyes and Skin.

## SECTION III

## PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b> Powder	<b>Bulk Density (g/ml):</b> Approx. 1.0
<b>Odour:</b> Slight	<b>Freezing point:</b> Not applicable
<b>pH as is:</b> Not applicable	<b>Boiling Point:</b> Not applicable
<b>pH use dilution:</b> 12.8 to 13.2 for 5% solution	<b>Evaporation Rate:</b> Not applicable
<b>Solubility in water:</b> 10%	<b>Viscosity:</b> Not applicable

## SECTION IV

## FIRE AND EXPLOSION HAZARDS

<b>Flash point:</b> Non-flammable	<b>Flammability:</b> Non-flammable
<b>Combustion products:</b> None.	<b>To Extinguish:</b> Not applicable
<b>Other:</b> Reacts with metals such as aluminum, zinc, to form flammable hydrogen gas.	

## SECTION V

## HEALTH HAZARD DATA

### Effects of Acute Exposure to...

<b>Skin:</b>	Brief exposure to skin may be corrosive causing severe burns
<b>Eyes:</b>	May cause severe irritation with corneal injury and result in permanent impairment of vision, even blindness. Dusts may irritate eyes.
<b>Ingestion:</b>	Extremely corrosive to mouth and throat. Swallowing causes severe and rapid burning of the mouth, throat, and digestive tract accompanied by pain, vomiting and collapse. Some effects may be delayed.
<b>Inhalation:</b>	Dusts or mists may cause irritation of mucous membranes, coughing.
<b>Other:</b>	No carcinogenicity, mutagenicity, teratogenicity, reproductive effects reported for ingredients.

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## SECTION V

### HEALTH HAZARD DATA

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#### 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 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.
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## SECTION VI

### REACTIVITY DATA

Avoid concentrated acids as heat is generated. Avoid aluminum, tin, galvanized zinc, brass, and bronze as flammable hydrogen gas is formed. Keep away from organic halogen compounds, especially trichloroethylene. Avoid reducing agents and oxidizers. Do not mix with chlorine bleach. Hazardous polymerization will not occur.

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## 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.

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## 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 when there is potential for eye contact. Contact lenses should not be worn.
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## 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.

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## SECTION X

### PREPARATION INFORMATION

**Date:** 14-Oct-13  
**Telephone:** (905) 547-2636

**MSDS Prepared by:** Technical Dept.

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