

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION AND COMPANY INFORMATION

**Product Name:** Permeate Garage Floor Cleaner

**Product Use:** Cleaner Degreaser

**Product Code:**

**Date of Issue:** January 1, 2015

**Supplier:** Evcor Solutions Inc.

**Address:** 530 Adelaide Street West

Suite 6107

Toronto, Ontario M5V 1T5

**Telephone:** 1-800-860-1537

**Emergency Phone:** 613-996 6666 (CANUTEC)

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Name	%	C.A.S.#	LC/50, Route,Species	LD/50, Route,Species
Disodium Metasilicate	15-45	6834-92-0	Not available	1153 mg/kg Oral, Rat 770 mg/kg Oral, Mouse
Sodium Carbonate	40-80	497-19-8	Not available	4099 mg/kg Oral, Rat
Ethoxylated Alcohol	1-5	68131-39-5	Not available	3200 mg/kg Oral, Rat

## SECTION 3 – HAZARDS IDENTIFICATION

**Emergency overview:** Corrosive material. Avoid contact with eyes and skin.  
Avoid breathing Dust, vapour or mist.

**Route of Entry:** Eye contact, Skin contact, Inhalation, Ingestion

### EFFECTS OF ACUTE EXPOSURE:

**Eye Contact:** can cause severe irritation, reddening and swelling of tissues around the eyes and burns.

**Skin Contact:** Prolonged contact can cause redness and may result in high irritation.

**Inhalation:** Dust or Mist may be irritating to nasal and respiratory passages.

**Ingestion:** Harmful if swallowed. May Cause burns to the mouth, throat and stomach.

**Effects of chronic exposure:** Prolonged or repeated skin exposure to dilutions can cause drying, defatting and dermatitis.

**SECTION 4 – FIRST AID MEASURES**

**Eyes:** In case of contact, immediately flush with water for 15-20 minutes. Seek medical attention.

**Skin:** In case of contact, rinse with water for 15 minutes. Seek medical attention if irritation develops and persists.  
Remove contaminated clothing and launder before reuse.

**Inhalation:** Remove to fresh air and take deep, slow breaths. Seek medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Rinse mouth with water. Then drink two or more glasses of water.  
Do not give anything by mouth if victim is unconscious. Seek medical attention.

**SECTION 5 – FIRE FIGHTING MEASURES**

**Flash Point:** (deg C, TCC): None.

**Upper Flammable Limits:** Not applicable.

**Lower Flammable Limits:** Not applicable.

**Auto Ignition Temperature (°C):** Not available.

**Hazardous Combustion Products (under fire conditions):** Not available.

**Fire fighting media and instructions:** This product is a nonflammable substance.

Use extinguishing media that is appropriate for surrounding fire.

**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Risk of explosion of the product in the presence of mechanical impact: Not available.

Risk of explosion of the product in the presence of static discharge: Not available.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal Precautionary Measures:** Use appropriate personal protective equipment as specified in Section 8.

**Environmental Precautions**

**and Clean Up Procedures:** Before attempting clean up, refer to hazard data given above.

General ventilation is normally adequate. Use broom or dry vacuum to collect material for proper disposal. Prevent large spills from entering sewers or waterways.

Contact emergency services and supplier for advice. Rinse with water to clean up residue and reduce possible slippery floor hazard.

**SECTION 7 – HANDLING AND STORAGE**

**Handling:** Use appropriate measures when handling product.

**Storage:** Keep out of reach of children. Store in closed containers only.

Store away from incompatible materials. Store in a cool, dry well-ventilated area not to exceed 50°C.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** General ventilation normally adequate to control airborne levels.

**Personal Protection:** The selection of personal protective equipment varies, depending upon conditions of use.

**Eye Protection:** Where direct eye contact may be a problem, use chemical splash goggles to avoid possible contact.

**Hand Protection:** If prolonged/repeated contact occurs, use impervious (latex rubber) protective gloves.

**Skin Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Not normally required if good ventilation is maintained. Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Name</b>	<b>Exposure Limit - ACGIH</b>
Disodium Metasilicate	Not available
Sodium Carbonate	Not available
Ethoxylated Alcohol	Not available

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Odour:** Free flowing, orange colour, granular, pine odour.

**Boiling Point:** (deg C): Not applicable.

**Specific Gravity:** ((H<sub>2</sub>O =1)): Not available.

**Vapour Pressure:** (mm Hg): Not available.

**Freezing/ Melting point:** Not available.

**Vapour Density (AIR=1):** Not available.

**Evaporation Rate (Water=1):** Similar.

**Solubility in water:** Soluble.

**pH (as supplied):** 1% solution 12

**Physical State:** Solid.

**Viscosity:** Not available.

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** The product is stable.

**Conditions to avoid:** Not available.

**Incompatible Materials:** Contact with strong acids. Slightly reactive to reactive with metals.

**Hazardous Decomposition Products:** Thermal decomposition may yield Hydrogen Carbon monoxide.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Irritancy of Material:** See Section 3 for Potential Health Effects.

**Carcinogenic effects:** None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.

**Teratogenic effects, Mutagenic effects, Reproductive Effects, Sensitization effects:** No data available.

**Synergistic materials:** Not available.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxicity:** There is no test data on this product.  
**Environmental Fate:** There is no test data on this product.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

Waste must be disposed of in accordance with Local, Provincial and Federal Regulations.

**SECTION 14 – TRANSPORTATION INFORMATION**

**T.D.G. CLASSIFICATION:**

**TDG Proper Shipping Name:** DISODIUM TRIOXOSILISATE  
**Class** 8  
**UN Number:** 3253  
**Packing Group:** III  
**Note:** See shipping/receiving documents for specific transportation information.

**SECTION 15 – REGULATORY INFORMATION**

**WHMIS Classification:** Class E - Corrosive Material.  
Class D - Division 2B: Material causing other toxic effects (Toxic).

**Canadian Domestic Substance List (DSL):** All the ingredients are listed.

**Additional Information:** This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required.

**SECTION 16 – OTHER INFORMATION**

**Date:** January 1, 2015  
**Prepared by:** Technical department  
**Date of previous issue:** January 1, 2015

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**DISCLAIMER:**

**NOTICE TO READER:**

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