

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

**EMERGENCY #:** CANUTEC (613) 996-6666

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** CI P.F.C. (Powder floor cleaner)

**EFFECTIVE DATE:** January 8, 2009

**WHMIS CLASS:** D2B

**T.D.G. CLASSIFICATION:** Not Regulated

**UN:**

**PG:**

**MATERIAL USE:** YELLOW PINE FLOOR CLEANER

### HAZARDOUS INGREDIENTS

<b>HAZARDOUS INGREDIENTS</b>	<b>%WT/WT</b>	<b>CAS NO.</b>	<b>TOXICITY DATA (LD50 &amp; LC50)</b>
Sodium Metasilicate	10-30	6834-92-0	LD50 Oral (rat) 847 mg/kg
Sodium Carbonate	15-40	497-19-8	LD50 Oral (rat) 2800 mg/kg ACGIH TLV - 10 mg/m <sup>3</sup>
Pine Oil	1-5	8002-09-3	LD50 Oral (rat) 3.2 g/kg

### PHYSICAL DATA

**PHYSICAL STATE:** Solid

**SP. GRAVITY:** Not Avail. pH: 1% sol. 11.6

**BOILING POINT:** N/A Vapour Pressure: N/A

**VAPOUR DENSITY:** N/A Evaporation Rate: N/A

**FREEZING POINT:** N/A

**SOLUBILITY IN WATER:** 10 %

**APPEARANCE & ODOUR:** Yellow granular powder with pine odour.

### FIRE AND EXPLOSION DATA

**FLASH POINT (TEST METHOD):** N/A

**FLAMMABLE LIMITS IN AIR, % BY VOL.** Non-flammable      **LOWER:** N/A      **UPPER:** N/A

**FIRE EXTINGUISHING SUBSTANCES:** (X) Water Fog ( ) Foam ( ) CO<sub>2</sub> ( ) Dry Chem ( ) Other:

**HAZARDOUS COMBUSTION PRODUCTS:** See Hazardous Decomposition Products.

**SPECIAL FIREFIGHTING PROCEDURES:** N/A

### REACTIVITY DATA

**INCOMPATIBILITY:** ( ) Water ( ) Oxidizing Material (X) Acid ( ) Base (X)

**OTHER:** Flammable hydrogen may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May liberate carbon oxides, phosphorous oxides and oxides of sodium during combustion.

**CHEMICAL STABILITY:** Stable under normal conditions.

### FIRST AID

**INHALATION:** Move to fresh air and get medical attention.

**INGESTION:** Get medical help immediately. Give patient large quantities of water or milk to drink to dilute the chemical. Do not induce vomiting.

**EYES:** Flush thoroughly with water for at least 15 minutes. Get medical attention.

**SKIN:** Remove contaminated clothing immediately and flush with water.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes contact ( ), Skin contact ( ), Skin absorption ( ), Inhalation ( ), Ingestion ( )

### EFFECTS OF OVEREXPOSURE (Acute and Chronic)

**INHALATION:** May cause irritation of respiratory tract, inflammation of the lungs.

**INGESTION:** Burning in mouth and esophagus, nausea, abdominal pain and diarrhea.

**EYES:** Causes irritation to the mucous membranes of the eyes.

**SKIN:** Will cause irritation. May cause burns, dermatitis.

## PREVENTATIVE MEASURES

**STEPS TO BE TAKEN UPON RELEASE OR SPILLAGE (INCLUDING NEUTRALIZING):** Sweep, scoop or vacuum discharged material. Flush residue. Observe environmental regulations.

**WASTE DISPOSAL METHOD:** Neutralize with dilute acid and landfill solids according to local, provincial and federal regulations.

**HANDLING AND STORAGE REQUIREMENTS:** Store in cool, dry area away from acids. Prolonged storage may cause product to cake and become wet from atmospheric moisture.

**VENTILATION REQUIREMENTS (LOCAL OR GENERAL):** Use with adequate ventilation.

**RESPIRATORY PROTECTION:** A mask should be worn where dust occurs.

**EYE PROTECTION:** Safety glasses with sideshield.

**OTHER PROTECTION:** Rubber gloves and long sleeved shirt should be worn.

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE  
<=LESS THAN - >=MORE THAN

## HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
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0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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