

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

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

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** CI Super White

**EFFECTIVE DATE:** January 15, 2009

**WHMIS CLASSIFICATION:**

D2B

**TDG CLASSIFICATION:**

Not Regulated

### HAZARDOUS INGREDIENTS

<b>HAZARDOUS INGREDIENTS</b>	<b>%WT/WT</b>	<b>CAS NO.</b>	<b>TOXICITY DATA (LD<sub>50</sub> &amp; LC<sub>50</sub>)</b>
Sodium Carbonate	7-13	497-19-8	LD <sub>50</sub> Oral(rat) 2800 mg/kg ACGIH TLV - 10 mg/m <sup>3</sup>
Sodium Metasilicate	7-13	6834-92-0	LD <sub>50</sub> Oral(rat) 847 mg/kg

### PHYSICAL DATA

**PHYSICAL STATE:** Solid

**SP.GRAVITY:** N/A

**pH:** 1% sol – 10.9

**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:** White granular powder with no 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:** May liberate carbon monoxide, carbon dioxide, oxides of sodium and phosphorous oxides.

**SPECIAL FIREFIGHTING PROCEDURES:** As for surrounding fire.

### REACTIVITY DATA

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** For thermal decomposition, see Hazardous Combustion Products.

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

### FIRST AID

**INHALATION:** Remove person from exposure. Get fresh air.

**INGESTION:** Do not induce vomiting. Drink milk, egg whites, gelatin solution or large quantities of water. Get medical attention.

**EYES:** Flush with plenty of water for at least 15 minutes.

**SKIN:** Flush with plenty of water.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes, skin contact, inhalation, ingestion

**EFFECTS OF ACUTE EXPOSURE:**

**INHALATION:** Large amounts of dust may cause irritation of the respiratory tract.

**INGESTION:** May cause nausea, abdominal pain and diarrhea.

**EYES:** Causes temporary discomfort and irritation.

**SKIN:** Prolonged contact may cause irritation and defatting of tissue.

**EFFECTS OF CHRONIC EXPOSURE:**

**SKIN:** May cause drying.

**IRRITANCY:**

**RESPIRATORY TRACT SENSITIZATION:** N/AV

**CARCINOGENICITY:** The ingredients of this product are not listed as carcinogens by the National Toxicology Program.

**REPRODUCTIVE TOXIN:**

**TERATOGENICITY:** N/AV

**MUTAGENICITY:** N/AV

**SYNERGISTIC MATERIALS:** N/AV

**EXPOSURE LIMITS:**

## PREVENTATIVE MEASURES

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

**WASTE DISPOSAL METHOD:** Dispose according to local, provincial and federal regulations. Flush residue with water. Observe environmental regulations.

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

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

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

**EYE PROTECTION:** Safety glasses or chemical workers goggles.

**OTHER PROTECTION:** Rubber gloves and coveralls should be worn to minimize contact with skin.

## HMIS HAZARD RATING INFORMATION

**FIRE**

**REACTIVITY**

**HEALTH**

**PERSONAL PROTECTION**

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.

## CHEM INTERNATIONAL

18043 – 107 Avenue  
Edmonton, Alberta  
T5S 1K3  
1-800-665-7287