

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: CI Machine Dishwash Powder

EFFECTIVE DATE: January 8, 2009

WHMIS CLASS: D2B

T.D.G. CLASSIFICATION: Not regulated **CLASS:** N/AP **UN:** N/AP

PG: N/AP

MATERIAL USE: Commercial dishwashing powder.

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	Toxicity Data (LD50 & LC50)
Sodium Carbonate	497-19-8	10-30%	LD50 oral (rat) 2800 mg/kg ACGIH TLV – 10 mg/m ³
Sodium Metasilicate	6834-92-0	10-30%	LD50 Oral (rat) 847 mg/kg
Sodium Dichloroisocyanurate Dihydrate (providing avail. Chlorine)	51580-86-0	1-5%	LD50 Oral (rat) 735 mg/kg

PHYSICAL DATA

BOILING POINT: N/A

VAPOUR PRESSURE (mm Hg): N/A

VAPOUR DENSITY (Air=1): n/a

SOLUBILITY IN WATER: 10%

PHYSICAL STATE: Solid

PH: 1% sol.- 11.5

APPEARANCE AND ODOUR: White granular powder with chlorine odour.

SPECIFIC GRAVITY (H₂O=1): Not Available

% VOLATILE (by vol.): Not Avail.

EVAPORATION RATE (H₂O=1): N/A

ODOUR THRESHOLD: Not Avail.

FREEZING POINT: N/A

FIRE AND EXPLOSION DATA

FLAMMABILITY: Non Flammable.

FLASH POINT: n/a

UEL: n/a

LEL: n/a

HAZARDOUS COMBUSTION PRODUCTS: Chlorine may liberate carbon oxides, phosphorous oxides and oxides of sodium during combustion.

MEANS OF EXTINCTION: Water fog.

SPECIAL FIRE HAZARDS: N/A

AUTO IGNITION TEMP: n/a

EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: n/a

STATIC DISCHARGE: n/a

REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal conditions.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine may liberate carbon oxides, phosphorous oxides and oxides of sodium during combustion.

REACTIVITY: Not Avail.

FIRST AID

EYE: Flush with plenty of water for at least 15 minutes. Get medical attention.

SKIN: Remove contaminated clothing immediately and flush with water for at least 15 minutes.

INHALATION: Remove to fresh air and get medical attention.

INGESTION: Get immediate medical help. Rinse mouth with water and give patient large quantities of water or milk to drink to dilute the chemical. Do not induce vomiting.

TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE (acute and chronic):

EYE: Causes irritation to the mucous membranes of the eyes.

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

INHALATION: Mist may cause irritation of respiratory tract, inflammation of the lungs.

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

PREVENTATIVE MEASURES

HAND PROTECTION: Rubber gloves should be worn.

EYE PROTECTION: Safety glasses with sideshield.

RESPIRATORY PROTECTION: A mask should be worn where dust occurs. Use with adequate ventilation.

BODY PROTECTION: Long sleeve shirt should be worn.

FOOT PROTECTION: None specified.

ENGINEERING CONTROLS: None specified.

LEAK AND SPILL PROCEDURE: Sweep, scoop or vacuum discharged material. Flush residue. Observe environment regulations.

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

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

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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