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OTTAWA, ONTARIO K1Z-1A7
(613) 722-0798

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MACHINE DISHWASH COMPOUND
PRODUCT CODE: PRO•574C

1. PRODUCT INFORMATION

SUPPLIER: As above
PRODUCT USE: Machine Dishwashing Compound
CHEMICAL IDENTITY: Mixture
CAS No. and NAME: Not applicable
FORMULA and M.Wt.: Not applicable
EMERGENCY PHONE NO.: 613-996-6666 CANUTEC (COLLECT)

2. HAZARDOUS INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>CAS#</u>	<u>CONC.(W/W)</u>	<u>TOXICITY</u>
Sodium Dichloroisocyanurate Dihydrate	51580-86-0	3 - 7%	LD ₅₀ Oral rat = 735 mg/kg
Sodium Metasilicate	6834-92-0	3 - 13%	LD ₅₀ Oral rat = 1280 mg/kg
Sodium Chloride	7647-14-5	10 - 30%	LD ₅₀ Oral rat = 3.75 g/kg
Sodium Sulphate	7757-82-6	10 - 30%	LD ₅₀ Oral rat = 5989 mg/kg

3. PHYSICAL DATA

PHYSICAL STATE: Powder
APPEARANCE AND ODOUR: White powder, low odor, packaged in water soluble pouches
ODOUR THRESHOLD: Not available
SPECIFIC GRAVITY: Not applicable
VAPOUR PRESSURE: Not applicable
VAPOUR DENSITY: Not applicable
EVAPORATION RATE: Not applicable
BOILING POINT: Not applicable
FREEZING POINT: Not applicable
pH: 1% Solution: 12.5
DENSITY (g/ml): 0.98
WATER SOLUBILITY: Complete

4. FIRE OR EXPLOSION HAZARDS

CONDITIONS OF FLAMMABILITY: Not applicable
MEANS OF EXTINCTION: For surrounding fire
FLASHPOINT AND METHOD OF DETERMINATION: Non Flammable
UPPER FLAMMABLE LIMIT: Not applicable
LOWER FLAMMABLE LIMIT: Not applicable
AUTO-IGNITION TEMPERATURE: Not applicable
HAZARDOUS COMBUSTION PRODUCTS: If heated to decomposition may emit carbon monoxide, carbon dioxide and highly toxic fumes of SOX and Na₂O
EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: No Data
EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: No Data

5. REACTIVITY DATA

CHEMICAL STABILITY: Stable
INCOMPATIBLE SUBSTANCES: Oxidizers, nitrogen compounds, concentrated acids
CONDITIONS OF REACTIVITY: No Data
HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, carbon monoxide, carbon dioxide, hydrogen

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6. TOXICOLOGICAL PROPERTIES:

EFFECTS OF ACUTE EXPOSURE: Product is sold in water soluble pouches. Direct contact with powder is unlikely under normal use conditions. However, under unusual or upset conditions:

EYE CONTACT: Can cause severe irritation and/or burns.

SKIN CONTACT: Can cause irritation, redness.

INHALATION: May cause irritation to the nose, mouth and throat.

INGESTION: Ingestion may cause irritation and/or burns.

EFFECTS OF CHRONIC EXPOSURE: No data but expected similar to acute.

EXPOSURE LIMITS: Not established

IRRITANCY OF PRODUCT: Eye and skin irritant.

SENSITIZATION TO MATERIAL: No data.

CARCINOGENICITY: No information is available and no adverse effects are expected.

REPRODUCTIVE TOXICITY: No information is available and no adverse effects are expected.

TERATOGENICITY: No information is available and no adverse effects are expected.

MUTAGENICITY: No information is available and no adverse effects are expected.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: No data.

7. PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Powder is packaged in water soluble pouches. Direct contact with powder unlikely under normal use conditions. Under upset or unusual conditions, wear chemical resistant gloves and safety glasses with side shields or goggles. Avoid skin contact by use of other clothing. If exposure exceeds dust exposure limits, use NIOSH/MSHA approved dust respirator.

ENGINEERING CONTROLS: Local exhaust can be used to supplement general ventilation if dusting likely to occur.

HANDLING PROCEDURE and EQUIPMENT: Do not open pouches to mix product; pouches dissolve water. Do not handle pouches with wet hands. Do not mix with anything but water. Wash hands after handling pouches.

STORAGE REQUIREMENTS: Keep out of reach of children. Keep containers closed. Store at room temperature. Keep from freezing.

SPECIAL SHIPPING INFORMATION: None

PROCEDURES FOR HANDLING LEAKS OR SPILLS: Pick up undamaged pouches and place in labeled air tight containers. Sweep up any damaged pouches and spilled powder and place in suitable containers for disposal. Flush any powder residue away with water. Do not allow any rinse water to enter open bodies of water or storm sewers.

WASTE DISPOSAL: As per all local, provincial and federal regulations.

8. FIRST AID MEASURES:

Product is sold in water-soluble pouches. Direct contact with powder is unlikely under normal use conditions. Should direct contact with powder occur, follow these instructions.

EYE CONTACT: Flush immediately with large amounts of water for at least 15 minutes, holding eyelids apart. If irritation persist, get medical attention.

SKIN CONTACT: Wash with soap and water. If irritation persists, get medical attention.

INHALATION: If large amounts of dust have been inhaled, move the exposed employee to fresh air immediately. Obtain medical attention.

INGESTION: If ingested and victim is alert and not convulsing, rinse mouth out. Give ½ to 1 glass of water to dilute. Do not induce vomiting. Obtain medical attention.

Date: December 2009

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