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## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** M2042 CLEANER DEODORIZER  
**PRODUCT CODE:** PRO•M2042C

### 1. PRODUCT INFORMATION

SUPPLIER: As above  
PRODUCT USE: Cleaner Deodorizer  
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>
Dimethylbenzyl Ammonium Chloride	68391-01-5	3 - 9%	Not available
Dimethyl Ethylene Ammonium Chloride	68956-79-6	3 - 9%	Not available
Sodium Carbonate	497-19-8	1 - 5%	LD <sub>50</sub> Oral rat = 2800 mg/kg

### 3. PHYSICAL DATA

PHYSICAL STATE: Powder  
APPEARANCE AND ODOUR: Yellow powder, lemon fragrance, 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: 9.0  
DENSITY (g/ml): 0.65  
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: Not applicable  
EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: No Data  
EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: No Data

### 5. REACTIVITY DATA

CHEMICAL STABILITY: Stable  
INCOMPATIBLE SUBSTANCES: Strong oxidizing agents  
CONDITIONS OF REACTIVITY: No Data  
HAZARDOUS DECOMPOSITION PRODUCTS: Ammoniacal vapours, oxides of nitrogen.

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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 eye irritation.

SKIN CONTACT: May cause redness, irritation.

INHALATION: Nose and throat irritation, coughing, chest tightening.

INGESTION: Gastro-intestinal irritation, nausea, vomiting and diarrhea.

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.

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Date: December 2009

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