

METERPAK® INC.

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MATERIAL SAFETY DATA SHEETPRODUCT NAME: **BIO BLUE****1. PRODUCT INFORMATION**

SUPPLIER: As above
PRODUCT USE: Chemical toilet deodorant
CHEMICAL IDENTITY : Compounded product
CAS No. and NAME: Not applicable
FORMULA and M.Wt.: Not applicable

2. HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CAS#	CONC.(W/W)	TOXICITY
Dimethyl Benzyl Ammonium Chloride	68391-01-5	7 - 13%	Not available

3. PHYSICAL DATA

PHYSICAL STATE: Powder
APPEARANCE AND ODOUR: Blue powder, pleasant fragrance packaged in water soluble pouch
ODOUR THRESHOLD: Not available BOILING POINT: Not applicable
SPECIFIC GRAVITY: Not applicable FREEZING POINT: Not applicable
VAPOUR PRESSURE: Not applicable pH: 7.0
VAPOUR DENSITY: Not applicable DENSITY (g/ml): 0.9 gm/ml
EVAPORATION RATE: Not applicable WATER SOLUBILITY: Complete

4. FIRE OR EXPLOSION HAZARDS

CONDITIONS OF FLAMMABILITY: Non-flammable
MEANS OF EXTINCTION: For surrounding fire
FLASHPOINT AND METHOD OF DETERMINATION: Not flammable
UPPER FLAMMABLE LIMIT: Not applicable
LOWER FLAMMABLE LIMIT: Not applicable
AUTO-IGNITION TEMPERATURE: Not available
HAZARDOUS COMBUSTION PRODUCTS: Oxides of nitrogen, ammoniacal vapours
EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: Not sensitive
EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: Not sensitive

5. REACTIVITY DATA

CHEMICAL STABILITY: Stable
INCOMPATIBLE SUBSTANCES: Do not mix with acids or other cleaners.
CONDITIONS OF REACTIVITY: In the presence of strong oxidizing materials
HAZARDOUS DECOMPOSITION PRODUCTS: Ammoniacal vapours, oxides of nitrogen.

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6. TOXICOLOGICAL PROPERTIES:

EFFECTS OF ACUTE EXPOSURE:

SKIN: Can cause irritation

EYES: Can cause severe eye irritation

INHALATION: Nose and throat irritation

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

EFFECTS OF CHRONIC EXPOSURE: Data incomplete but expected to be similar to acute exposure.

EXPOSURE LIMITS: Not established

IRRITANCY OF PRODUCT: Eye and skin irritant

SENSITIZATION TO MATERIAL: Not available

CARCINOGENICITY: Not considered a carcinogen by OSHA, NTP or IARC.

REPRODUCTIVE TOXICITY: Data incomplete but no adverse effects expected.

TERATOGENICITY: Data incomplete but no adverse effects expected.

MUTAGENICITY: Data incomplete but no adverse effects expected.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

7. PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Product is packaged in water soluble pouch. Direct contact with powder is unlikely under normal use conditions. However, under unusual or upset conditions, respiratory equipment must be selected and used in accordance with OSHA/NIOSH guidelines.

Wear neoprene gloves if direct skin contact is likely to occur. Use chemical goggles if eye contact is likely to occur.

ENGINEERING CONTROLS: Standard room ventilation is adequate under normal use.

HANDLING PROCEDURES AND EQUIPMENT: Protect from freezing or excessive heat. When handling large containers, use protective eye shield.

STORAGE REQUIREMENTS: Normal storage - polyethylene containers for indefinite periods. When not in use, keep container tightly closed.

SPECIAL SHIPPING INFORMATION: None required

PROCEDURES FOR HANDLING LEAKS OR SPILLS: Sprinkle with sweeping compound to reduce dusting. Sweep up, put into an approved container for disposal.

WASTE DISPOSAL: Dispose of in accordance with all local, provincial and federal regulations.

8. FIRST AID MEASURES:

EYE CONTACT: Flush with water for at least 15 minutes, holding eyelids apart. Obtain medical attention if symptoms are present after washing.

SKIN CONTACT: Wash with warm water. If irritation develops, call a physician.

INGESTION: Drink large quantity of milk, egg white, gelatin solutions, or water. Call a physician.

INHALATION: Remove to fresh air, apply artificial respiration or administer oxygen if necessary. Seek prompt medical attention if symptoms persist.

Date: March 2006

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