



MATERIAL SAFETY DATA SHEET

1. Product And Company Identification

Product Name: Canister Express™

Manufacturer: METREX™ RESEARCH
1717 W. Collins Ave.
Orange, CA 92867
U.S.A.

Information Phone Number: 1-800-841-1428 (Customer Service)

Imported By: VDI Health Care
250 First Gulf Boulevard
Brampton ON L6W4T5
Canada
(905) 796-3365
Fax: (905) 796-7818

Chemical Emergency Phone Number (Chemical Spills, Leaks, Fire, Exposure or Accident only):
Canutec: 1 (613) 996-6666 (24 hours)

MSDS Date Of Preparation/Revision: 7/14/2015

Product Use: Liquid medical waste solidifier.

2. Hazards Identification

White granular powder with a mint fragrance.

EMERGENCY OVERVIEW

Dust may be irritating to eyes and respiratory tract. Prolonged inhalation of dust may cause adverse lung effects.

3. Composition/Information On Ingredients

| Component | CAS No. | Amount |
|---------------|-------------|--------|
| Polyacrylates | Proprietary | >99% |
| Fragrance | Mixture | <1% |

4. First Aid Measures

Inhalation: Move to fresh air if effects occur and seek medical attention if effects persist.

Skin Contact: Wash with soap and water. If skin irritation develops and persists, seek medical attention.

Eye Contact: Hold eye open and rinse slowly and gently with water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If irritation persists, seek medical advice.



Ingestion: If swallowed, seek medical advice by calling a Poison Control Center or hospital emergency room. Do not induce vomiting. Do not attempt to give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Extinguishing Media: Use water spray or fog, foam or dry chemical. Do not use solid water jet as this may generate airborne dust or carbon dioxide which is ineffective for extinguishing.

Special Fire Fighting Procedures: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

Unusual Fire Hazards: As with any organic powder, high concentrations of powder suspended in air may present a dust explosion hazard.

Hazardous Combustion Products: Burning may produce carbon monoxide and carbon dioxide.

6: Accidental Release Measures

Eliminate all ignition sources. Ventilate area. Wear appropriate protective clothing and equipment (See Section 8). Collect spilled powder by scooping or sweeping. Do not create airborne dust. If a vacuum cleaner is used, explosion-proof equipment is required. Place in a container for use or disposal. Use caution as surfaces may be slippery. If product becomes wet, surfaces will be very slippery. Refer to Section 13 for disposal advice.

7. Handling and Storage

Avoid generating and breathing airborne dust. Avoid contact with eyes. Wash thoroughly with soap and water after handling. Promptly clean up spills and do not permit dry product to accumulate on surfaces in the work area to avoid a potential dust explosion hazard. Use in accordance with label directions.

Store in a cool, area away from excessive heat and oxidizers. Keep containers closed to prevent absorption or moisture.

8. Exposure Controls / Personal Protection

Exposure Limits

| Chemical | Exposure Limit |
|---------------|--|
| Polyacrylates | 5 mg/m ³ (respirable dust), 15 mg/m ³ (total dust) TWA OSHA PEL (as PNOC) |
| Fragrance | None Established |

Ventilation: General ventilation should be adequate for normal use. For operations where the exposure limits may be exceeded, mechanical ventilation such as local exhaust may be needed to minimize exposure.

Respiratory Protection: None under normal use conditions with adequate ventilation. For operations where the occupational exposure limits are exceeded, a NIOSH/MSHA approved respirator with particulate filter is recommended. Equipment selection depends on contaminant type and concentration.



Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Gloves: Protective gloves such as rubber or nitrile are recommended.

Eye Protection: Safety goggles recommended.

Other Protective Equipment/Clothing: None required for normal use. Wear protective clothing if needed to avoid skin contact.

9. Physical and Chemical Properties

Appearance And Odor: White granular powder with a mint fragrance.

| | | | |
|--|--------------------|-------------------------|----------------|
| Boiling Point: | Not Applicable | Specific Gravity: | Not Determined |
| Solubility in Water: | Insoluble (swells) | pH: | Approx. 6.0 |
| Vapor Pressure: | Not Applicable | Vapor Density: | Not Applicable |
| Percent Volatile: | 0% | Melting/Freezing Point: | Not Determined |
| Coefficient of Water/Oil Distribution: | Not Determined | | |
| Flash Point: | Not Applicable | Flammable Limits: | Not Determined |

10. Stability and Reactivity

Stability: Stable

Conditions To Avoid: Heat, sparks, flames and all other sources of ignition in the presence of dust.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition will produce carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation: May cause irritation of the nose, throat and upper respiratory tract.

Skin Contact: No adverse effects are expected. Polyacrylates were not irritating or sensitizing in animal studies.

Eye Contact: May cause mechanical, abrasive irritation. Polyacrylates were not irritating in animal studies.

Ingestion: No toxic effects are expected. Do not ingest. If swallowed may result in obstruction.

Chronic Hazards: A two-year lifetime inhalation study in rats with respirable (<10 micron) polyacrylate dust resulted in a non-specific inflammatory response in the lungs followed by tumor development in some rats at the highest exposure level of 0.8 mg/m³. In the absence of chronic inflammation, tumors are not expected.



Medical Conditions Aggravated By Exposure: None known.

Carcinogen: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA.

Acute Toxicity Values:

Polyacrylates: LD50 Oral Rat >2000 mg/kg; LD50 Dermal Rat >2000 mg/kg

12. Ecological Information

This product is not classified as harmful to the environment.

Toxicity:

Polyacrylates: LC50 brachydanio rerio >100 mg/L/96 hr; LC50 daphnia magna >100 mg/L/48 hr; EC50 Green algae >100 mg/L/72 hr

Persistence and degradability: Polyacrylates are not soluble in water and can be removed from water mechanically.

Bioaccumulative Potential: Due to the consistency of this product, dispersion into the environment is impossible.

Mobility in Soil: Not expected to be mobile in soil.

13. Disposal Considerations

Dispose in accordance with national, state/provincial and local regulations.

14. Transport Information

U.S. DOT Hazard Classification

Proper Shipping Name: Not Regulated

Technical Name: N/A

UN Number: N/A

Hazard Class/Packing Group: N/A

Labels Required: N/A

DOT MARINE POLLUTANTS: This product does not contain Marine Pollutants as defined in 49 CFR 171.8.

Canada TDG

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class: None

Packing Group: None

Labels Required: None

IMDG Code Shipping Classification

Proper Shipping Name: Not Regulated

UN Number: None



Hazard Class: None
Packing Group: None
Labels Required: None
Placards Required: None
Not classified as a marine pollutant

ICAO Air Transport Classification

Proper Shipping Name: Not Regulated
ID Number: None
Hazard Class: None
Packing Group: None
Labels Required: None

15. Regulatory Information

National Pollutant Release Inventory (NPRI): This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements NPRI: None

CEPA Chemical Inventory: All of the components of this material are listed on the DSL or exempt.

WHMIS Classification: Class D-2-B

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

16. Other Information

NFPA Rating: Fire: 1 Health: 1 Instability: 0

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date of preparation, however, METREX™ RESEARCH makes no warranty with respect to the accuracy or suitability of the recommendations, and assumes no liability to any use thereof.