MATERIAL SAFETY DATA SHEET

Product Name: Enviro-Melt **Product Number: IM22**

Arrow Chemical
28 Rider Pl
Freeport, NY 11520

Emergency Telephone Number
Infotrac: 800-535-5053
Information Telephone Number
516-377-7770

Date Prepared: August 2009
Prepared by: Staff

I. Product Identification

Enviro-Melt
Product Code: IM22
HMIS ID System: Health-1 Flammability-0 Reactivity-0
DOT Shipping Classification: Not Regulated

II. Hazardous Ingredients

Substance	OSHA PEL	ACGIH TLV	CAS #	Percent Optional
None				

III. Physical Characteristics

Boiling Point: 135 deg C (decomposes)
Vapor Pressure (mmHg): 80 at 20 deg C
Vapor Density (air=1): NA
Solubility in Water: 1.193g/L at 25 deg C
Specific Gravity (Water=1): NA
Melting Point: 133 deg C
Evaporation Rate: NA
Butyl Acetate=1
Appearance & Odor: White solid pellets with NH3 odor upon long standing.

IV. Fire & Explosion Hazard

Flash Point: NA
Flammable Limits: NA **LEL-** **UEL-**
Extinguishing Media: All standard agents are acceptable. Use extinguishing agent suitable for the surrounding fire. Material itself burns with difficulty. Product becomes slippery when wet. Guard against slips and falls.
Special Fire Fighting Procedures: Irritating or toxic substances may be emitted upon thermal decomposition. Exposed firefighters should wear MSHA/NIOSH approved self contained breathing apparatus with full face mask and full protective equipment. Uncontaminated product is not an explosion hazard. It may form explosive mixtures subject to spontaneous detonation when contaminated with strong acids or nitrate fertilizers.
Unusual Fire & Explosion Hazards: Heating above 270 deg F decomposes to Biuret, Ammonia, and Nitrogen Oxides. Short term exposures to smoke and gases may lead to irreversible lung injury without early signs and symptoms.

V. Reactivity Data

Stability: Unstable [] Stable [**X**]
Conditions to Avoid: Strong oxidizers, acids, or bases. Avoid contact with nitrates.
Incompatibility: Strong oxidizers, acids, or bases. Reacts with sodium or calcium hypochlorite to form explosive nitrogen trichloride.
Hazardous Decomposition or Byproducts: Decomposes to ammonia, biuret, cyanuric acid, nitrogen oxides, carbon oxides. May react with hypochlorites to form the explosive nitrogen trichloride.
Hazardous Polymerization: May occur [] Will not occur [**X**]

VI. Health Hazard Data

Routes of Entry: **Inhalation-**Yes **Skin-**Minimal **Ingestion-**Minimal
Health Hazards (Acute & Chronic): May cause gastrointestinal disturbances. Slightly irritating to skin. May cause respiratory tract irritation. Severe irritation to eyes.

- **If on skin-**Wash area of contact thoroughly with soap and water. Do not remove clothing with molten product. Flush with cold water.
- **If in eyes-** Promptly flush with water for 15 minutes. Consult a physician if irritation persists.
- **If inhaled-** Remove person from exposure.
- **If ingested-** Do not induce vomiting. Keep affected person warn and treat for shock. Get medical attention.

Carcinogenicity: **NTP-**No **ARC Monographs-**No **OSHA Regulated-**No
Medical Conditions Generally Aggravated by Exposure: Asthmatics exposed to dust may have difficulty breathing.

VII. Precautions for Safe Handling & Use

Steps to be taken if material is released or spilled: Prevent large quantities from contacting vegetation and waterways. Recover and reuse uncontaminated product.
Waste Disposal Method: Product is not specifically listed as a hazardous waste, however it could be considered hazardous by state definitions. Consult state and local authorities.
Precautions for Storing & Handling: Store in tightly closed container in cool, dry well ventilated area.
Other Precautions: None

VII. Control Measures

Respiratory Protection (Specify Type): Provide local or general ventilation to keep below nuisance dust limit of 15mg/m3
Ventilation: **Local:** General **Special:** **Mechanical:** **Other:**
Protective Gloves: Not required
Eye Protection: Use tight fitting safety goggles in areas of high dust concentration
Other Protective Equipment: NA
Work Hygienic Practices: Contact lenses should not be used.