



MICRONIZED POLYACRYLAMIDE (m-PAM) Material Safety Data Sheet 3/1/2017

General Information /Hazardous Ingredients/Identity Information

Names & synonyms:	Sodium Acrylate/Acrylamide Copolymer		
Family:	Polymer		
Formula:	Proprietary blend		
Hazardous Classification:	Not Hazardous		
Motor Freight Class:	Not DOT Regulated		
Item Number:	N/A		
UN/NA Number:	N/A		
Bill of Lading Description:	Water-soluble polymer for soil amelioration		
Principal Hazardous Material	CAS#	Percent	TLV (Units)
Polymeric viscosity modifier	25085-02.3	90%	N/E
(Hazardous within the meaning of 29CFR 1910.1200)	Residual Monomers including Acrylamide, maximum 0.05%		
OSHA PEL:	N/E		
Other Limits:	(eye) irritant		
SARA Section 313 Reportable Toxic Chemicals:	None		

Physical/Chemical Characteristics

Melting Point:	N/E
Boiling Point:	N/A
Specific Gravity:	N/A
Solubility in Water:	Forms Viscous liquid, limited solubility
Evaporation Rate (Butyl Acetate = 1):	Less Than 1
Appearance & Odor:	White Granular Solid (30 - 150 microns): Mild Acrylic Odor
Bulk Density:	44 lbs cubic Foot
Vapor Density:	N/E
Vapor Pressure:	N/E

Fire and Explosion Hazard Data

Flash Point (Method Used):	Greater than 400 degrees C(COC))
Flammable Limits:	LEL N/E, UEL N/E
Extinguishing Media:	Any available extinguishant
Special Fire Fighting Procedures:	Fire fighters exercise caution. Spilled product in contact with water creates extremely slippery conditions
Unusual Fire and Explosion Hazards:	None

Reactivity Data

Stability:	Stable
Conditions to Avoid:	None Known
Incompatibility:	None Known
Hazardous Decomposition of Byproducts:	Thermal decomposition: Oxides of carbon and nitrogen
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None Known



Health Hazard Data

ACGIH Threshold Limit Value:	Not established for mixture
Carcinogen-NTP Program:	No
Carcinogen-IARC Program:	No
OSHA Regulated:	No
Route of Entry:	Inhalation: Yes Skin: No Ingestion: No
Health Hazards:	Contact with eyes will cause irritation. Prolonged/repeated skin contact may cause irritation/dry skin
Signs/Symptoms of Exposure:	Reddening, swelling of affected area with possible itching burning or other discomfort
Medical Conditions Generally Aggravated by Exposure:	Existing cuts, rashes, allergies, or other sensitive areas
Emergency and First Aid Procedures:	Eyes and Skin: Flush thoroughly with water. Inhalation: Move to source of fresh air

Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:	Contain. Thoroughly collect spilled granular materials. Flush residuals to the drain for normal biological treatment. Use caution, spilled material in contact with water creates very slippery conditions.
Water Disposal Method:	Incinerate or other approved method for disposal of unadulterated product as a non-hazardous waste
Precautions to Be Taken in Handling and Storing:	Handle as an irritant. Do not get into eyes. Avoid prolonged skin contact. Avoid inhalation of dust forms. Do not ingest. Use caution, spilled material in contact with water creates very slippery conditions.
Other Precautions:	Do not ingest. Use caution, spilled material in contact with water creates very slippery conditions.

Special Protection Information

Respiratory Protection:	Wear a properly fitted NIOSHA/MSHA approved respirator whenever exposed to dust is likely unless levels are below applicable limits.
Eye Protection:	Tight fitting goggles are recommended to reduce exposure to eyes if high dust concentration exists.
Skin Protection:	For operations where contact can occur, wear impervious neoprene or rubber gloves.
Ventilation Recommended:	Ventilation adequate to keep hazardous ingredients below their TLV
Other Protective Clothing Equipment:	Shoes, apron, or other as needed to prevent prolonged skin contact
Work/Hygienic Practices:	Personal hygiene should be adequate-wash thoroughly after handling

This information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the reliability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available.

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