



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PAM-12 Plus: Erosion Control Granules

Manufacturer: ENCAP, LLC
3921 Algoma Road
Green Bay, WI 54311
920-406-5050

24-Hour Emergency Telephone Number: CHEMTREC 1-800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Percent	OSHA PEL	ACGH1 TLV
Water	NA	<6	Not Established	Not Established
Paper Fiber	NA	84	Not Established	Not Established
Calcium Sulfate Dihydrate	10101-41-4	10	15 Total, 5 Respirable	10 Total, 5 Respirable
Anionic Polyacrylamide Polymer	NA	<3	Not Established	Not Established
Starch	NA	<2	Not Established	Not Established

IDLH concentrations have not been determined.

3. HAZARDS IDENTIFICATION

General: No direct hazardous components are known. Routes of entry into the body include skin contact, inhalation, ingestion, and eye contact.

Emergency Overview: Green colored granules. Possible nuisance dust may be present with application of this product.

Potential Health Effects: as follows.

Eye Exposure: Direct contact with the eye may cause irritation and erythema of the eyes.

Skin Exposure: Contact with skin may cause irritation and erythema of the skin.

Ingestion: Oral intake may result in nausea, vomiting, and diarrhea.

Inhalation: Exposure to respiratory system may result in irritation, coughing, nausea, vomiting, and diarrhea.

Medical conditions, which may be aggravated by Moisture: Skin abrasions and sores. Respiratory problems may be aggravated by inhalation of nuisance dusts.

4. FIRST AID MEASURES

Eye Exposure: Check for and remove contact lenses. The exposed eyes should be washed immediately with large amounts of water, occasionally lifting upper and lower lids, for at least 30 minutes until no evidence of chemical remains. If irritation persists, seek medical attention.

Skin Exposure: Irrigate affected skin areas with soap or mild detergent and large amounts of water for at least 15 20 minutes until no evidence of chemical remains. If irritation or pain persists, seek medical attention.

Ingestion: Medical attention should be obtained immediately. Immediately dilute with 4 to 8 ounces (120 to 240 ml) of milk or water (not to exceed 15 ml/kg in a child).

Inhalation: Move victim to fresh air. Monitor for respiratory distress. Keep victim warm and at rest. If respiratory difficulties persist, seek medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint: Not Applicable.

Flammable Limits: Not Applicable.

Fire Fighting Instructions: Extinguish fire with water spray and CO2. Avoid breathing vapors or dusts and stay upwind.

WARNING: Thermal decomposition of product may release toxic and/or hazardous gases, e.g., carbon monoxide, carbon dioxide, ammonia, phosphoric acid, and nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

Dry Spills: Sweep up granules. Avoid contact with skin, eyes, or breathing dusts.

7. HANDLING AND STORAGE

Handling: Wash after handling.

Storage: Material should be stored in original container in a cool, dry area. Store away from food or foodstuffs, other chemicals, and out of reach of children and animals.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Engineering Controls: Typical applications require no engineering controls.

Eye protection: Typical applications usually require no protective eyewear. Do avoid direct eye contact.

Hand and body : Protective gloves are recommended.

Respiratory protection: If nuisance dust levels are high, use NIOSH approved respirator with dust/mist cartridges or dust mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Colored green granules
Molecular Weight:	No data available
Odor:	Earthy odor
Boiling Point:	Not Applicable
Melting Point:	Not Applicable
Freezing Point:	Not Applicable
Density/Specific Gravity:	Not Applicable
Evaporation Rate:	Not Applicable
Viscosity:	Not Applicable
LFL/UFL:	Not Applicable
Vapor Pressure:	Not Applicable
Solubility in Water:	Partially soluble
Volatile by Weight:	Not Applicable
pH:	Not Applicable
Flash Point:	Not Applicable

10. STABILITY AND REACTIVITY

Stability: Product is stable. Reactivity: Keep away from moisture to avoid activating microbes. Thermal decomposition may release toxic and/or hazardous gases.

Hazardous polymerization has not been reported to occur.

11. TOXICOLOGICAL INFORMATION

Ingredients are not listed as carcinogens by MC, OSHA, or NTP.

12. ECOLOGICAL INFORMATION

No information is available.

13. DISPOSAL CONSIDERATIONS

Product is biodegradable, with no special waste disposal. However, check any Federal, State, and Local regulations that may apply.

14. TRANSPORT INFORMATION

DOT: Not Regulated Hazard Class: None Identification Number: None

15. REGULATORY INFORMATION

TSCA Status: Not listed.
CERCLA Section 103: Not listed.
SARA Title III: Not listed.

Some states may have individual components of product listed, check any specific state regulations that may apply.

16. OTHER INFORMATION

NFPA Hazard Classification: as follows.

Health - 1. 1 Can cause irritation.

Flammability _____ 0. 0 = Normally not flammable. Will not burn.

Reactivity _____ - 0. 0 = Normally stable. Not reactive with water.

ABBREVIATIONS

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
DOT	Department of Transportation
URC	International Agency for Research on Cancer
IDLH	Immediately Dangerous to Life or Health
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
TWA	Time-Weighted Average