

Material Safety Data Sheet

Identity: **Terra-Pam**

Last Updated: August 11, 2008

Section I -- Manufacturer

Plant Health Care, Inc.
440 William Pitt Way
Pittsburgh, PA 15238

Emergency Phone #: 800-421-9051

Phone # for Information: 412-826-5488

Section II -- Hazardous Ingredients/Identity Information

Specific Chemical Identity: Sodium acrylate/acrylamide copolymer (linear)

CAS No. 25085-02-03

Hazardous Components	%	OSHA PEL	ACGIH TLV	Other*
Polyacrylate:		---	---	0.05 mg/m ³

Residual monomers:

Acrylamide: <0.05% --- 0.03 mg/m³

Acrylic acid:	≤0.05%	---	2 ppm
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Nuisance Dust

Respirable (TWA)	5 mg/m ³	10 mg/m ³
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Total (TWA)	15 mg/m ³	10 mg/m ³
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*PHC recommended inhalation exposure limit guideline for respirable polyacrylate <10 micron particle size. See also Section VI.

D.O.T. Hazard Class: Not a DOT/IMO Hazardous Material.

HMIS Ratings: Health 2, Flammability 1, Reactivity 0, Protection B.

Section III -- Physical/Chemical Characteristics

Boiling Point:	NA	Bulk Density:	44-Lb/ft ³
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Vapor Pressure: NA **Melting Point:** >200 F

Vapor Density:	NA	Evaporation Rate:	NA
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Solubility in Water: limited solubility; maximum est. 2%. Forms a viscous liquid in water.

Appearance and Odor: White granular solid; mild acrylic odor

Section IV -- Fire and Explosion Hazard Data

Flash Point: No Data **Flammable Limits; LEL:** No Data; **UEL:** No Data

Extinguishing Media: Any available extinguishing agent; water, dry chemical, etc.

Special Fire Fighting Procedures: Treat as Class A. Wetted product is very slippery.

Pedestrian and vehicular traffic may face a slip hazard where wet product is located.

Unusual Fire and Explosion Hazards: Handle so as to minimize dusting, and eliminate open flame and other sources of ignition of dust. Watch out for slippery conditions when product becomes wet.

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Section V -- Reactivity Data

Stability: Chemically stable **Conditions to Avoid:** None Known.

Incompatibility (Materials to avoid): None Known.

Hazardous Decomposition or Byproducts: Burning may release noxious fumes and gases such as carbon monoxide, and nitrous oxides.

Hazardous Polymerization: Will Not Occur

Section VI -- Health Hazard Data

Route(s) of Entry: Inhalation--yes (dust) Skin--No Ingestion--No Eyes: yes

Health Hazards (Acute and Chronic):

Acute: Inhalation of large amounts of dust may cause mild irritation of upper respiratory tract (nose and throat) and lungs. Eye contact may cause slight irritation and redness. Contains 0.05% or less free acrylamide monomer. No apparent acute toxicity by ingestion of small amounts.

Chronic: Long term inhalation exposure to rats for a lifetime (2 years) using a sodium polyacrylate that had been micronized to a respirable particle size (less than 10 micrometers) produced non-specific inflammation and chronic lung injury at 0.2 mg/m³ and 0.8 mg/m³. At 0.8 mg/m³, tumors were seen in some animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects of any kind at 0.05 mg/m³. Prolonged, repeated Skin contact to dry product may cause irritation, dry skin.

Carcinogenicity: NTP: No IARC: No OSHA Regulated?: No

Signs and Symptoms of Exposure: May experience nausea if significantly large amounts are ingested. May cause mild irritation of upper respiratory tract (nose and throat) and lungs if large amounts of dust are inhaled. Possible reddening, drying of skin or eyes with itching, burning, or other discomfort.

Medical Conditions Generally Aggravated by Exposure: Existing cuts, rashes, allergies or other sensitive areas. Dry product may aggravate existing respiratory conditions, or skin conditions due to drying effect.

Emergency and First Aid Procedures: Flush eyes thoroughly with water. If inhaled, move to source of fresh air. Call a physician regarding any continued discomfort. If ingested, seek medical advice.

Section VII -- Precautions for Safe Handling and Use

Handling: Handle as an eye irritant, Do not get into eyes. Avoid prolonged or repeated skin contact. Do not handle dust. Do not ingest.

Steps to be Taken in Case Material is Released or Spilled: Sweep up and collect dry product. Avoid breathing dust. Flush residuals to drain for normal biological treatment. Use caution, as spilled material produces very slippery conditions when wet. Wash hands after handling.

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Waste Disposal Method: This material, when unadulterated, is not a RCRA regulated waste. It is a nonhazardous waste material suitable for approved solid waste landfill. However, local disposal regulations may apply. Dispose in accordance with local, state, and federal regulations.

Other Precautions: Store in a dry place. Avoid wetting material before use. Avoid repeated and prolonged skin contact. Dusty conditions may irritate eyes and respiratory system. When dusty conditions are created, wear a dust mask.

Section VII -- Control Measures

Respiratory Protection: If concentrations of dry airborne particles exceed 0.05 mg/m³, use a NIOSH approved dust respirator with high efficiency filter in accordance with ANSI Z88.2.

Ventilation: Sufficient mechanical or local ventilation should be in place to maintain dust exposures at or below the recommended level of 0.05 mg/m³.

Local Exhaust: Ensure dust is removed.

Protective Gloves: Impervious neoprene or rubber recommended.

Eye Protection: Safety Glasses or goggles recommended.

Other Protective Clothing or Equipment: Shoes, apron, or other as needed to prevent prolonged skin contact.

Work/Hygienic Practices: Wash thoroughly after handling. If spilled on clothes, wash as usual.

Regulatory Information

TSCA: Components listed.

SARA Title III:

Section 311/312: No reporting required

Section 313: No reporting required.