

Safety Data Sheet

Polyacrylamide, Anionic

SECTION 1 – PRODUCT AND SUPPLIER IDENTIFICATION

Product: Polyacrylamide, Anionic
Supplier: SingleTrack Solutions Corp
Address: 4838 Richard Road SW, Calgary, Alberta, Canada T3E 6L1
Office: 1-587-353-4119

Product detail

Product Name : Anionic Polyacrylamide
 Synonyms : APAM
 CAS No.: N/A

SECTION 2 – HAZARD(S) IDENTIFICATION

Hazards Identification:

According to GHS

Physical hazards: Not classified.
Health hazards: Not classified.
Environmental hazards: Not classified.

GHS Labeling:

Pictogram: None.
Signal Word: No signal word.
Hazard Statements: None.
Prevention Precautionary Statements: None.
Response Precautionary Statements: None.
Storage Precautionary Statements: None.
Disposable Precautionary Statements: P501 Dispose of contents/container in accordance with local/regional/national/international regulation.
Other Hazards: No data available.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Product Name: Polyacrylamide, Anionic

Ingredient	Concentration	CAS No.	EC No.
2-Propenoic acid, sodium salt, polymer	≥ 88%	25085-02-3	607-529-1
2-propenamide water	≤ 12%	7732-18-5	231-791-2

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SECTION 4 – FIRST-AID MEASURES

- Skin Exposure:** If contact occurs, promptly cleanse the skin with soap and a generous amount of water. Should irritation persist, seek medical advice from a physician.
- Eye Exposure:** If there is eye contact, rinse thoroughly with an abundant supply of water for a minimum of 15 minutes. Ensure effective flushing by gently separating the eyelids with your fingers. Should irritation persist, it is advisable to consult a physician.
- Inhalation Exposure:** If inhalation occurs, relocate to an area with fresh air. If needed, seek medical assistance.
- Oral Exposure:** If ingested, promptly rinse the mouth with water, ensuring the individual is conscious. Seek medical advice by contacting a physician.

Most Important Symptoms and Effects, Both Acute and Delayed

No data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

No data available.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Appropriate options for use include water spray, dry chemical, carbon dioxide, or the suitable foam.

Special Hazards Arising

from the Substance or Mixture: Undergoing combustion or exposure to high temperatures may lead to decomposition, resulting in the production of carbon oxides and nitrogen oxides.

Firefighting:

Protective Equipment: Utilize self-contained breathing apparatus and protective attire to shield against skin and eye contact. When fighting fires, approach from the upwind direction. Individuals not involved in firefighting activities should evacuate to a secure location.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution: Wear personal protective gear. Maintain a safe distance from the spill/leak and position individuals upwind. Ensure proper ventilation is in place and take precautions to avoid inhaling dust. Control access to the affected area for non-essential personnel, for instance, by cordoning it off.

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Environmental Protections: Prevent the product from entering drainage systems.

Methods for cleaning up: Use a shovel to gather the material and transfer it to a dry, clean container with a secure lid for proper disposal. Take care to minimize the creation of airborne dust. Once the cleanup is finished, ensure the area is well-ventilated, and clean the spill site.

SECTION 7 – HANDLING AND STORAGE

Handling: Utilize suitable protective attire and safety gloves. Prevent inhalation, eye, skin, and clothing contact. Minimize the generation of dust. Ensure mechanical ventilation is in operation. Keep the product away from sources of ignition, heat, and open flames. Avoid contact with strong oxidizing agents. Thoroughly wash hands and face after handling. Smoking is prohibited at the work site.

Storage: Store in a cool environment. Ensure the container is tightly sealed within a dry and well-ventilated location. Keep it away from heat, sparks, flames, and potential ignition sources. Avoid contact with strong oxidizing agents. The storage area should be equipped with suitable firefighting equipment and emergency spill response tools.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: N/A.

Engineering Controls: Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

- Respiratory:** Government approved respirator.
- Eye:** Chemical safety goggles.
- Clothing:** Wear appropriate protective clothing.
- Hand:** Protective gloves.
- Other:** No smoking, drinking, and eating at work site. Wash thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White granule.
Odour:	Weak odour.
Odour Threshold:	No data available.
pH Value:	5 – 6 (suspension).
Solubility:	Partially soluble in water.
Melting Point/Freezing Point:	> 350°C decomposition.
Boiling Point, Initial Boiling Point And Boiling Range:	Not applicable.
Flash Point (closed cup):	Not applicable.
Density/Relative Density:	No data available.
Viscosity:	Not applicable.
Upper/Lower Flammability or Explosive Limits:	No data available.
Vapour Pressure:	No data available.
Vapour Density:	No data available.
n-Octanol/Water Partition Coefficient:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Evaporation Rate:	Not applicable.
Flammability (Solid, Gas):	This substance is not classified in Division 4.1 Flammable Solids.

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions:	No data available.
Conditions to Avoid:	No data available.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon oxides, nitrogen oxides.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity:	Polyacrylamide: Rate Oral LD ₅₀ : > 1000mg/kg
Skin Corrosion / Irritation:	No data available.
Serious Eye Damage / Irritation:	No data available.
Respiratory Sensitization:	No data available.
Skin Sensitization:	No data available.
Germ Cell Mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive Toxicity:	No data available.

Specific Target Organ Toxicity – Single Exposure:

No data available.

Specific Target Organ Toxicity – Repeated Exposure:

No data available.

Aspiration Hazard

No data available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Persistence and Degradability:	No data available.
Bio accumulative Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effects:	No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of Substance:

Engage the services of a licensed professional waste disposal provider to handle the disposal of this substance. Alternatively, you can dissolve or combine the material with a flammable solvent and incinerate it in a chemical incinerator outfitted with an afterburner and scrubber system. Ensure strict adherence to all applicable federal, provincial, and local environmental regulations.

SECTION 14 – TRANSPORTATION INFORMATION

RID/ADR:	The substance is not subject to RID/ADR.
IATA DGR:	The substance is not subject to IATA DGR.
IMO IMDG:	The substance is not subject to IMO IMDG.

SECTION 15 – REGULATORY INFORMATION

Canadian Regulations: This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no) *
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product are listed on the inventory administered by the governing country(s) or are exempt.

A "No" indicates that one or more components of the product are not listed on the inventory administered by the governing country(s)

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SECTION 16 – OTHER INFORMATION

SingleTrack Solutions provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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