

Safety Data Sheet

Anionic Polyacrylamide Emulsion

SECTION 1 – PRODUCT AND SUPPLIER IDENTIFICATION

Product: Anionic Polyacrylamide (Emulsion)
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 (Emulsion)
Synonyms: N/A
CAS No.: 9003-05-8, 7732-18-5

SECTION 2 – HAZARD(S) IDENTIFICATION

Fatality Grade: According to regulations G812268-2012, no damage.
Invasion Route: Skin contact, eye contact, inhalation, ingestion.
Health Hazards: Handling may produce dust causing eye, respiratory tract, and skin irritation.
Environmental Hazard: No known significant effects or critical hazards.
Flammability and explosiveness: This product is not considered a flammable or dangerous good.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Polyacrylamide 35%, Water 65%
CAS No. for Acrylamide: 9003-05-8
CAS No. for Water: 7732-18-5
EC No.: 231-791-2

SECTION 4 – FIRST-AID MEASURES

Skin Contact: If irritation occurs, wash the affected areas with soap and water. If irritation persists, seek medical attention.
Eye Contact: Flush eyes immediately and continue washing for at least 15 minutes. Seek medical attention.
Inhalation: Immediately move to fresh air. If breathing is difficult, supply patient with oxygen. Seek medical attention.
Ingestion: Drink plenty of water. Seek medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Dangerous Characteristics: Not flammable.

Hazardous Combustion Products: CO, CO₂, and smoke.

Fire-Fighting Method & Media: Use foam, dry powder, or carbon dioxide. Wear protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Containment Procedure: Isolate the area affected by the leakage to prevent pollution and restrict access. Cut off any sources of fire. It is recommended that emergency response personnel wear a dust mask for protection. Collect and transfer the substances safely into a bag for centralized handling. In case of a large amount of leakage, cover the area with plastic sheets or canvas. Collect the materials for recycling or take them to designated waste disposal sites for proper disposal.

SECTION 7 – HANDLING AND STORAGE

Handling: Ensure adequate ventilation, wear protective clothing, and avoid creating dust.

Storage: Store in a cool, ventilated warehouse, away from oxidizing agents and acids.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Maximum admissible concentration: Not established.

Monitoring method: None.

Engineering controls: Avoid open flames, sparks, and smoking. Employ a closed system and ensure that electrical, ventilation, lighting, and operational systems are explosion-proof. It is advised to use local exhaust ventilation as a treatment method, as this will effectively control pollution at its source.

Respiratory protection: Wear self absorbent filter mask.

Eye Protection: Wear protective goggles.

Body protection: Wear work clothing.

Hand protection: Wear gloves.

Other protection measures: No smoking, eating, or drinking in the workplace.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White or transparent liquids.

Melting point: No data.

Boiling point: No data.

Acid: No data.

PH: 5.4 (25°C, 50.0g/L).

Solubility: Soluble in water.

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Strong oxidizing agents, fire, heat.

Hazardous polymerization: None.

Decomposition Products: Under normal usage, no harmful substances are produced. However, in the event of a fire, carbon oxides, hydrocarbons, and smoke may be generated.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: Rat oral LD50: >1000mg/kg, mouse oral LD50: 12950mg/kg

Irritation: May irritate the eyes, respiratory system, and skin

Sensitization: None.

Mutagenicity: None.

Carcinogenicity: None.

SECTION 12 – ECOLOGICAL INFORMATION

Eco toxicity: No known significant effects or critical hazards.

Biodegradable: Not applicable.

Non biodegradable: Not applicable.

Other harmful effects: No known significant effects or critical hazards.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal methods: The disposal of this material should adhere to applicable national and local laws and regulations. Efforts should be made to minimize or, if possible, reduce waste generation.

SECTION 14 – TRANSPORTATION INFORMATION

Dangerous good number: No data.

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

These SDS summaries at the date of issue our best knowledge of the health and safety hazard information of the product, and how to safely handle and use the product in the workplace. Since SingleTrack Solutions cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard term and conditions, a copy of which is sent to our customers and is also available upon request.

Last Revision Date: 9/14/2023