

# Safety Data Sheet

## Cationic Polyacrylamide Emulsion

### SECTION 1 – PRODUCT AND SUPPLIER IDENTIFICATION

**Product:** Cationic Polyacrylamide Emulsion  
**Supplier:** SingleTrack Solutions Corp.  
**Address:** 4838 Richard Road SW, Calgary, Alberta, Canada T3E 6L1  
**Office:** 1-587-353-4119  
**Emergency (24hr):** 1-888-226-8832 (CANUTEC)

#### Product detail

Product Name : Cationic Polyacrylamide Emulsion  
Synonyms: N/A  
CAS No.: Emulsion. Multiple CAS numbers

### SECTION 2 – HAZARD(S) IDENTIFICATION

#### GHS Classification:

##### Physical Hazards:

Not Classified

##### Health Hazards:

Classification not possible

##### Environmental hazards:

Classification not possible

This product contains 40% of ingredients with no data or information for classification, and may have potentially unknown hazards to human health and the environment.

The hazards not mentioned are not applicable or have no data available.

#### Label Elements:

##### Pictogram:

Unknown

##### Signal Word:

Unknown

##### Hazard Statements:

Unknown

##### Prevention Precautionary Statements:

Unknown

##### Response Precautionary Statements:

Unknown

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**Storage Precautionary Statements:**

Unknown

**Disposal 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: Cationic Polyacrylamide Emulsion**

Ingredient	Concentration	CAS No.	EC No.
White mineral oil	40%	93685-80-4	297-628-2
Polyacrylamide	35%	900:3 05-8	618-350-3
Water	25%	7732-18-5	231-791-2

### SECTION 4 – FIRST-AID MEASURES

**Skin Exposure:**

In case of skin contact, wash with copious amounts of water. If irritation persists, consult a physician.

**Eye Exposure:**

In case of contact with eyes, flush with copious of water for at least 15 minutes. Ensure adequate flushing by separating the eyelids with fingers. If irritation persists, Consult a physician.

**Inhalation Exposure:**

If inhaled, immediately move to fresh air. If breathing proves difficult, supply oxygen. If not breathing, give artificial respiration. Call a physician.

**Oral Exposure:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Most Important Symptoms/Effects, Acute and Delayed:**

No data available.

**Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:**

No data available.

### SECTION 5 – FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:**

Dry chemical, Water spray, Carbon dioxide or appropriate foam.

**Specific Hazards Arising from the Chemical:**

Product may decompose upon combustion or in high temperatures generating Carbon oxides, and nitrogen oxides.

**Special Protective Action for Fire-fighters:**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:**

Use personal protective equipment. Remove all sources of ignition. Avoid breathing vapor or mist. Keep people away from spill/leak. Ensure adequate ventilation. Entry of uninvolved personnel should be controlled and limited.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and materials for containment and cleaning:**

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, closed container for disposal. Avoid inhalation. Ventilate area and wash spill site once material recovery/cleanup is complete.

## SECTION 7 – HANDLING AND STORAGE

### Precautions for Safe Handling:

Operators should be trained and strictly abide by operational procedures. Wear appropriate protective clothing and gloves. Avoid inhalation. Avoid contact with eyes, skin, and clothing. Prevent generation of vapor or mist. Handling is performed in a well ventilated place. Keep away from ignition sources, heat, and flames. **Incompatibilities:** Strong oxidizing agents. Handle with care to prevent damage to the package. Work area should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

### Conditions for safe storage including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat, and flames.

### Incompatibilities:

Strong oxidizing agents. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters:

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical Hazardous Agents: Not set up.

### ACGIH:

Not set up.

### Appropriate Engineering Controls:

Mechanical exhaust required. Safety shower and eye wash station.

Individual Protection Measures:

### Eye/face Protection:

Wear chemical resistant safety glasses.

### Skin Protection:

Hand Protection: Wear compatible protective gloves. Body Protection: Wear appropriate protective clothing.

### Respiratory Protection:

Wear government approved respirator.

### Thermal Hazards:

No data available.

### Other Protect:

No smoking, drinking, or eating at workstation. Wash hands thoroughly after handling.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Cream white liquid
<b>Odor:</b>	Weak odor
<b>pH Value:</b>	5-6
<b>Solubility:</b>	Slightly soluble in water
<b>Boiling Point:</b>	Not applicable
<b>Melting Point/Freezing Point:</b>	No data available
<b>Flash Point(Closed Cup):</b>	>96°C
<b>Density/Relative:</b>	No data available
<b>Density Kinematic:</b>	No data available
<b>Viscosity:</b>	Not applicable
<b>Lower/Upper Explosion Limit:</b>	No data available
<b>Flammability Limit:</b>	No data available

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<b>Vapour Pressure:</b>	No data available
<b>Relative Vapor Density:</b>	No data available
<b>Partition Coefficient</b>	
<b>N-Octanol/Water(Log Value):</b>	No data available
<b>Autoignition Temperature:</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>Particle characteristics:</b>	Not applicable
<b>Flammability (Solid, Gas):</b>	Not applicable

## 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:**

White mineral oil N-isoalkanes mixture: rat inhalation toxicity LC50:> 4951 mg/m<sup>3</sup>/4h

### **Skin Corrosion/Irritation:**

No data available.

### **Serious Eye Damage/Irritation:**

No data available.

### **Respiratory Sensitization:**

No data available.

### **Skin Sensitization:**

No data available.

### **Carcinogenicity:**

No data available.

### **Germ Cell Mutagenicity:**

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

**Toxicity:**

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

**Disposal Methods:**

Recycle as much as possible. If recycling is not possible, it is recommended to use incineration for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

## SECTION 14 – TRANSPORTATION INFORMATION

**RID/ADR (2019 Edition):**

The substance is not subject to RID/ADR.

**IATA DGR (62<sup>nd</sup> Edition) :**

The substance is not subject to IATA DGR

**IMO IMDG Code (2018 Edition):**

The substance is not subject to IMO IMDG Code.

**Environmental Hazards:**

Unknown.

**Special precautions for user:**

No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**

Not applicable

## 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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