



A-7575  
Safety Data Sheet

Revision Date: 03/21/2016

Print Date: 03/21/2016

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**Aspen Polymer Company, Inc.**

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Angleton, TX 77515

Tele: (512) 373-6160

**SECTION 1: IDENTIFICATION**

Product name: A-7575

Anionic polyacrylamide granular

Recommended Use: Processing aid for industrial applications

Restrictions on Use: none

Emergency Telephone Number: CHEMTREC 800-424-9300

Uses advised against: No information available

**SECTION 2: HAZARDS IDENTIFICATION**

**Classification**

Not classified.

**Label Elements**

Hazard Symbol: None

Signal word: None

Precautionary statement: None

**Other hazards which do not result in classification**

**Advice:** Aqueous solutions or powders that become wet render surfaces extremely slippery

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**Emergency Overview:** The health hazards of this product should be low under normal industrial and commercial uses.

*Skin:* Repeated or prolonged exposure may cause slight irritation of eyes and skin. Wash with plenty of soap and water. Get medical advice if irritation continues.

*Eyes:* Irritation of the eyes is possible. Wear eye protection.

*Inhalation:* Avoid breathing dust.

*Ingestion:* May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

HMIS Rating

Health:0

Flammability:0

Reactivity:0

NFPA Rating:

Health:0

Fire:0

Reactivity:0

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous or Regulated Components:**

*Chemical Name*

*CAS-No.*

*Concentration[%]*

Contains no reportable hazardous substances

**Substances / Mixtures**

This product is not a substance.

Classification according to paragraph (d) of CR CFR 1910.1200:

Skin Irritation

Eye Irritation

## SECTION 4: FIRST-AID MEASURES

### **Emergency and First-Aid Procedures:**

- Inhalation:* Remove to fresh air. Oxygen may be administered if breathing is difficult. If not breathing, administer artificial respiration and seek medical attention. Get medical attention if symptoms appear.
- Skin Contact:* Remove and launder or clean contaminated clothing and shoes. Wash with soap and water for at least 15 minutes or until no evidence of material remains. Get medical attention if irritation occurs.
- Eye Contact:* Immediately flush the eye(s) continuously with lukewarm, gently flowing water for at least 15 minutes while holding the eyelid(s) open. Get medical attention immediately.
- Ingestion:* Get medical attention immediately. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Wash out mouth with water if person is conscious. Never induce vomiting or give anything by mouth to a victim who is unconscious or having convulsions.
- Remarks:* Powder can cause localized skin irritation in folds of the skin or under tight clothing. Contact with dust can cause mechanical irritation or drying of the skin.

## SECTION 5: FIRE-FIGHTING MEASURES

- Fire Fighting Instructions:** Fire fighters should wear appropriate protective clothing and the appropriate NIOSH/MSHA self contained breath apparatus. Cool containers/tanks with water spray.
- Fire Fighting Media:** Water spray, dry powder, or CO<sub>2</sub> fire extinguishers. Evacuate area and fight fire from a safe distance. Water spray may be used to keep fire-exposed containers cool. A solid water stream may be ineffective.
- Specific hazards during firefighting:** Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides, carbon oxides. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- Protective Precautions:** Aqueous solutions cause extremely slippery surfaces. Wear appropriate personal protection. Avoid contact with skin and eyes. Where the exposure level is unknown, wear approved, positive pressure, self-contained respirator. Use protective shoes/boots with rough rubber sole.

**Protective Spill Procedures:**      **Do not flush with water.** Clean up promptly by sweeping or vacuum. Prevent unauthorized access

**Environmental Precautions:**      Prevent product from entering sewers and water systems.

## SECTION 7: HANDLING AND STORAGE

**Handling:**      Avoid prolonged or repeated contact with eyes, skin, or clothing. Wash thoroughly after handling. Avoid handling. Avoid breathing product dust. Use with adequate ventilation.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should always wash hands and face before eating, drinking, and smoking.

**Storage:**      Store in dry place at 5 - 35°C. Incompatible with oxidizing agents. accordance with local regulations.

**Occupational Exposure Limit:**      None

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters:**  
Occupational exposure limits:      None

**Engineering measures:**      Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location. Avoid contact with skin and eyes. Do not store or consume food, drink or tobacco in areas where this material is stored. Wash hands before breaks and immediately after handling the product.

**Hygiene Measures:**      Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location. Take off contaminated clothing and wash before reuse.

**Respiratory:**      No personal respiratory protective equipment normally required. Dust safety masks recommended where working powder concentration is more than 10 mg/m<sup>3</sup>

**Eye Protection:**      Safety glasses with side shields or tightly fitting safety goggles.

**Protective Gloves:**      Wear appropriate impermeable gloves

**Skin:**      Wear long sleeves and other protective clothing to prevent repeated or prolonged skin contact

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granular solid, white
Odor:	None
pH:	5 - 9 @ 5 g/L
Flash point:	Not applicable
Upper/Lower explosion limit:	Not expected to create explosive atmosphere
Relative Density:	0.6 – 0.9
Solubility (water):	Soluble in water
Vapor pressure:	Not applicable
Partition coefficient:	-2
Autoignition temperature:	Not applicable
Decomposition Temperature:	>150°C
Explosive properties:	Non-flammable to ignition sources of less than 2.5 kJ
Oxidising potential:	Not expected to be oxidising based on chemical structure

## SECTION 10: STABILITY AND REACTIVITY

<b><u>Chemical Stability:</u></b>	Stable under recommended storage conditions
<b><u>Reactivity:</u></b>	Hazardous polymerisation does not occur
<b><u>Hazardous polymerization:</u></b>	Stable
<b><u>Materials to avoid:</u></b>	Strong oxidizing agents
<b><u>Hazardous decomposition product:</u></b>	Hazardous decomposition products may be produced such as: Carbon oxides (COx), nitrogen oxides (NOx), hydrogen cyanide (hydrocyanic acid).

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute Oral Toxicity**

The acute toxicological results displayed may not be the results of actual testing of this material but based on a similar tested material.

**Information on product as supplied:**

***Acute Oral Toxicity:***

LD50/oral/rat > 5,000 mg/kg

***Acute Inhalation Toxicity***

*The product is not expected to be toxic by inhalation.*

***Acute dermal Toxicity:***

LD50/dermal/rat/>5,000 mg/kg

***Skin corrosion/irritation***

Result: Not irritating

***Serious eye Damage/Eye Irritation***

Not irritating.

***Mutagenicity:***

Not mutagenic

***Carcinogenicity:***

Not carcinogenic.

***Reproductive toxicity:***

Not toxic for reproduction

***STOT - single exposure:***

No known effects.

***STOT - repeated exposure:***

No known effects

***Aspiration hazard:***

No hazards resulting from the material as supplied

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity effects

#### **Aquatic toxicity**

This material is not classified as dangerous for the environment. Acute toxicity tests conducted using environmentally representative water.

<b>Acute toxicity to fish:</b>	LC50/96 h/Danio rerio/OECD Test Guideline 203: >100 mg/l LC50/96 h/Fathead minnow/OECD Test Guideline 203: >100 mg/l
<b>Acute toxicity to invertebrates:</b>	EC50/48 h/Daphnia magna (Water flea)/OECD Test Guideline 202: >100 mg/l
<b>Acute toxicity to algae:</b>	IC50/72h/Scenedesmus subspicatus/OECD Test Guideline 201: > 100mg/l

<b>Chronic toxicity to fish:</b>	No data available
<b>Chronic toxicity to invertebrates:</b>	No data available
<b>Toxicity to microorganisms:</b>	No data available
<b>Effects on terrestrial organisms:</b>	No data available.
<b>Sediment toxicity:</b>	No data available

#### **Persistence and degradability**

Biological degradability:	Readily biodegradable
Hydrolysis:	Does not hydrolyse.
Photolysis:	No data available.

<b>Bioaccumulative potential:</b>	The product is not expected to bioaccumulate.. Partition coefficient: -2 Bioconcentration factor (BCF): ~0
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<b>Mobility in Soil</b>	No data available.
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## SECTION 13: DISPOSAL CONSIDERATIONS

**EPA Hazardous Waste:** No

**Waste disposal:** Do NOT mix with other chemical wastes. The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## SECTION 14: TRANSPORT INFORMATION

**Land transport**

Not classified as dangerous in the meaning of transport regulations.

**Sea transport**

Not classified as dangerous in the meaning of transport regulations.

**Air transport**

Not classified as dangerous in the meaning of transport regulations.



## SECTION 15: REGULATORY INFORMATION

### **SARA Title III Section 311/312 Hazard class**

Not concerned.

### **RCRA status:**

Not RCRA hazardous.

### **California Proposition 65**

Warning! This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproduction harm: Acrylamide.

**Other Regulations:** None

### **Notifications:**

All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory.

## SECTION 16: OTHER INFORMATION

Revision Date: 3/21/2016

### HMIS Rating

Health: 0

Flammability: 0

Reactivity: 0

PPE Code: B

Additional Information about this product: No data available

### **Company policy or disclaimer:**

The information accumulated here in is believed to be accurate based on the information provided, although no guarantee or warranty, either expressed or implied is made as to the accuracy or completeness of this information, whether originating with this company or not. Recipients are advised to confirm in advance of need that the information is correct, applicable and suitable to their circumstances. The conditions or methods of handling, storage, use and disposal of the product and container are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in anyway connected with the handling, storage or use of this information or product. If the product is used as a component in another product, this information may not be applicable.