



*Future Chem Asia Co., Ltd.*

29/67-68 Moo 7 Srinakarin Road, Teparuk, Muang, Samutprakarn 10270

Tel: +662 – 383-5473 Fax: +662 – 383 – 5474

---

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY DATA

**Product Name:** Cationic Polyacrylamide

**Supplied By :** Future Chem Asia Co., Ltd

29/67-68 Moo 7 Srinakarin Road, Teparuk, Muang, Samutprakarn 10270

**Emergency Call:** +662 3835473

### 2. HAZARDS

⌚ **No Hazardous Ingredients**

Static charges generated by emptying package in or near flammable vapours may cause flash fire.

May form flammable dust-air mixtures.

May cause eye irritation by mechanical abrasion.

May cause skin irritation by mechanical abrasion.

Inhalation may cause respiratory tract irritation.

### 3. FIRST MEASURE

⌚ **Eyes** May cause slight irritation. Wash immediately with plenty of low-pressure water for at least 10 minutes.

⌚ **Ingestion** Do NOT induce vomiting. Get immediate medical **attention**

⌚ **Skin** Wash thoroughly with soap and water.  
Get medical attention if irritation develops or persists.

⌚ **Inhalation** Remove to fresh air. Get medical attention if nasal, throat or lung irritation develops.

⌚ **Physical Effects** Flammable dust clouds may be formed in contact with Air. Keep away from ignition sources.  
Very slippery when wet.

### 4. FIRE FIGHTING MEASURES

⌚ **Extinguishing media** Foam, dry powder or carbon dioxide. Avoid water if possible as the product is slippery when wet.

⌚ **Fire Fighting Equipment** Chemical protection suit and self-contained breathing Apparatus.



# Future Chem Asia Co., Ltd.

29/67-68 Moo 7 Srinakarin Road, Teeparuk, Muang, Samutprakarn 10270

Tel: +662 – 383-5473 Fax: +662 – 383 – 5474

---

⌚ **Dust** Dust may be explosive if mixed with air and in the presence of an ignition source. Avoid these circumstances.

## 5. ACCIDENTAL RELEASE MEASURE

⌚ **Personal precautions** Avoid dusting and contact with skin and eyes. Use of a dust mask when handling the product.

⌚ **Spillages** Sweep up and dispose of in a dry environment area finally clearing the area by hosing with water. Spilled product, which becomes wet is very slippery and should be treated with sand prior to disposal.

## 6. HANDLING AND STORAGE

⌚ **Handling** Minimise dusting of product.

⌚ **Storage** Store the powder in cool, dry conditions avoiding humid and wet areas.

## 7. EXPOSURE CONTROL

⌚ Ensure adequate ventilation in confined areas and where dusting is a problem ensure adequate exhaust facilities are provided.

## 8. Personal Protection Equipment

⌚ **Respiratory** If dusting is a problem wear an effective facemask with a particle filter.

⌚ **Eye** Use of goggles.

⌚ **Hand** Plastic gloves.

⌚ **Skin/Body** Lightweight protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

⌚ **Colour** White.

⌚ **Appearance** White Granular solid.



# Future Chem Asia Co., Ltd.

29/67-68 Moo 7 Srinakarin Road, Teeparuk, Muang, Samutprakarn 10270

Tel: +662 – 383-5473 Fax: +662 – 383 – 5474

---

- ⌚ **Specific Gravity** Approx 0.75g/cm<sup>3</sup>.
- ⌚ **Odour** None.
- ⌚ **PH 1% solution** 6 to 8
- ⌚ **Boiling Point** Not applicable.
- ⌚ **Melting Point** Not available.
- ⌚ **Flash Point** Not available.
- ⌚ **Vapour Pressure** Not applicable.
- ⌚ **Flammability** Not available.
- ⌚ **Auto ignition temperature** Not available.
- ⌚ **Water Solubility** Produces a highly viscous solution.

## 10. STABILITY AND REACTIVITY

- ⌚ **Stability** Stable at ambient temperature.
- ⌚ **Conditions to avoid** None.
- ⌚ **Materials to avoid** Avoid contact with oxidising agents.
- ⌚ **Hazardous decomposition products** Carbon monoxide, carbon dioxide, ammonia.

## 11. Toxicological Information

- ⌚ Not list as a carcinogen by NTP. Not regulated as a carcinogen by OSHA. Not evaluated by IARC.
- ⌚ Oral LD 50 (rat) >5000mg/kg.
- ⌚ No human toxicity studies have been carried out with this product. Due to the physical nature of this material, may cause eye, skin and respiratory irritation.

## 12. ECOLOGICAL INFORMATION

- ⌚ 96hr LC 50(fish) >1000mg/l.



*Future Chem Asia Co., Ltd.*

29/67-68 Moo 7 Srinakarin Road, Teparuk, Muang, Samutprakarn 10270

Tel: +662 – 383-5473 Fax: +662 – 383 – 5474

---

### **13.DISPOSAL**

- ⌚ Local and national regulations should be followed.

### **14.TRANSPORT**

- ⌚ Not classified as dangerous in any form of transportation.

### **15.REGULATORY LABELLING INFORMATION**

- ⌚ **Hazard Symbols** None.
- ⌚ **Risk Phrases** None.
- ⌚ **Safety Phrases** None.

### **16.OTHER INFORMATION**

- ⌚ Materials that in themselves are normally stable, even under fire exposure conditions