



## Material Safety Data Sheet

### 1. Identification of the Product and the Company

**Product Name:** APS 703d#3 Flocc Log

**Manufacturer:** Applied Polymer Systems, Inc.  
519 Industrial Drive  
Woodstock, GA 30189  
Tel. 678-494-5998  
Fax. 678-494-5298  
[www.siltstop.com](http://www.siltstop.com)

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### 2. Composition / Information on Ingredients

**Identification of the preparation:** Anionic water-soluble co-polymer gel

### 3. Hazard Identification

Placement of these materials on wet walking surface will create extreme slipping hazard.

### 4. First Aid Measures

**Inhalation:** None.

**Skin contact:** Contact with wet skin could cause dryness and chapping, wash with water and soap. Use of gloves recommended.

**Eye Contact:** Rinse thoroughly with plenty of water, also under the eyelids, seek medical attention in case of persistent irritation.

**Ingestion:** Consult a physician

### 5. Fire-Fighting Measures

**Suitable extinguishing media:** Water, water spray, foam, carbon dioxide, dry powder.

**Special fire fighting precautions:** Flocc Logs that become wet render surfaces extremely slippery.

**Protective equipment for firefighters:** No special equipment required.

### 6. Accidental Release Measures

**Personal precautions:** No special precautions required.

**Methods for cleaning up:** Dry wipe as well as possible. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

### 7. Handling and Storage

**Handling:** Avoid contact with skin and eyes. Wash hands after handling.

**Storage:** Keep in a cool, dry place.

### 8. Exposure Controls / Personal Protection

**Engineering Controls:** Use dry handling areas only.

**Personal Protection Equipment****Respiratory Protection:** none.**Hand Protection:** Dry Cloth, Leather, or Rubber Gloves.**Eye Protection:** Safety glasses with side shields. Do not wear contact lenses.**Skin Protection:** No special protective clothing required.**Hygiene Measures:** Wash hands before breaks and at end of workday.

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**9. Physical and Chemical Properties**

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**Form:** Granular semi-solid gel**Color:** White to Brown**Odor:** None**pH:** 3-10**Melting Point:** N/A**Flash Point:** N/A**Autoignition:** N/A

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**10. Stability and Reactivity**

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**Stability:** Product is stable, no hazardous polymerization will occur.**Materials to Avoid:** Oxidizing agents may cause exothermic reactions.**Hazardous Decomposition Products:** Thermal Decomposition may produce nitrogen oxides (NO<sub>x</sub>), carbon oxides.

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**11. Toxicological / Ecological Information**

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**Acute Toxicity (EPA-821-R-02-012)**LC 50 (Survival) / *Ceriodaphnia dubia* / 48h / 673 ppmNOAEC (Survival) / *Ceriodaphnia dubia* / 48h / 420 ppmLC 50 / *Onchorhynchus mykiss* / 96h / 2928 ppm**Chronic Toxicity (EPA-821-R-02-013)**IC 25 (Survival) / *P. promelas* / 7 day / 77.8 ppm      IC 25 (Survival) / *C. dubia* / 7 day / 78.7 ppmNOEC (Survival) / *P. promelas* / 7 day / 52.5 ppm      NOEC (Survival) / *C. dubia* / 7 day / 52.7 ppmIC 25 (Growth) / *P. promelas* / 7 day / 50.1 ppm      IC 25 (Reproduction) / *C. dubia* / 7 day / 66.8 ppmNOEC (Growth) / *P. promelas* / 7 day / 52.5 ppm      NOEC (Reproduction) / *C. dubia* / 7 day / 52.5 ppm

Bioaccumulation: The product is not expected to bioaccumulate.

Persistence / Degradability: Not readily biodegradable: (~85% after 180 days)

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**12. Transport and Regulatory Information**

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Not regulated by DOT, RCRA status-Not a hazardous waste

**NFPA and HMIS ratings:****NFPA:** Health: 3      Flammability: 0      Reactivity: 1**HMIS:** Health: 2      Flammability: 0      Reactivity: 1