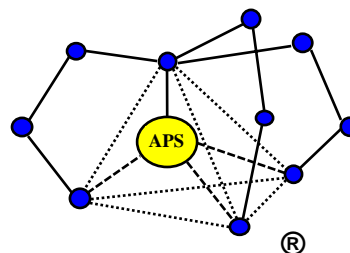


Applied Polymer Systems, Inc.



Material Safety Data Sheet

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name: APS 816 Pond Log[®]
Supplied: 519 Industrial Drive
Woodstock, GA 30189
Tel. 678-494-5998
Fax. 678-494-5298
www.siltstop.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation: Anionic water-soluble Co-polymer gel mix

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 can cause dryness and chapping. Wash with water and soap.
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: Floc 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 work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Granular semi-solid gel
 Color: Blue
 Odor: None
 pH: 7.5-8.2
 Melting point: N/A
 Flash point: N/A
 Vapor density: N/A

10. STABILITY AND REACTIVITY

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 (NOx), carbon oxides.

11. TOXILIGICAL / ECOLOGICAL INFORMATION**Acute toxicity**

LC 50 / *Daphnia magna* / 48 hr / >840mg/L
 LC 50 / *Oncorhynchus mykiss* / 96 hr / 840 ppm
 NOEC / *Daphnia magna* / 48 hr / 840 ppm
 NOEC / *Oncorhynchus mykiss* / 96 hr / 840 ppm

Chronic toxicity

LC 25 (Survival) / *P. promelas* / 7 day / 97 ppm
 NOEC (Survival) / *P. promelas* / 7 day / 210 ppm
 LC 25 (Survival) / *P. promelas* / 7 day / 1710 ppm
 NOEC (Survival) / *P. promelas* / 7 day / 1680 ppm
 IC 25 (Reproduction) / *C. dubia* / 7 day / 6.2 ppm
 NOEC (Reproduction) / *C. dubia* / 7 day / 105 ppm
 IC 25 (Reproduction) / *C. dubia* / 7 day / 2366 ppm
 NOEC (Reproduction) / *C. dubia* / 7 day / 3360 ppm

Bioaccumulation: The product is not expected to bioaccumulate.

Persistence / degradability: Not readily biodegradable: (85% after 180 days).

12. TRANSPORT AND REGULATORY INFORMATION

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

NFPA and HMIS ratings:

NFPA Health:	1	Flammability:	0	Reactivity:	0
HMIS Health	1	Flammability	0	Reactivity	0