

## Material Safety Data Sheet

**Product Name:** PolyAn  
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### Section I – Manufacturer Identification

**Manufacturer's Name:** Brewer International      **Address:** PO Box 690037  
Vero Beach, FL 32969  
**Emergency Phone:** Chem Tel (800) 255-3924      **Information Phone:** (800) 228-1833

### Section II – Composition/Information on Ingredients

- ◆ 33% Polyacrylamide Polymer

### Section III – Health Hazard Data

**Eye:** Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, redness, swelling, and chemical burn of the eye.

**Skin:** Brief contact is not irritating. Prolonged contact may cause redness.

**Ingestion:** May cause abdominal discomfort, nausea, vomiting and diarrhea.

**Inhalation:** Mist may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, with chest pain and coughing.

**Other Effects:** No exposure limits established by OSHA. This material can cause injury if disposed directly into the lung.

### Section IV – Emergency and First Aid Procedures

**Eye:** Immediately flush eye with water and continue washing for at least 15 minutes. Obtain medical attention.

**Skin:** Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.

**Inhalation:** Remove to fresh air. Obtain medical attention if symptoms persist.

**Ingestion:** Give two glasses of water. Do NOT induce vomiting. Obtain medical attention.

**Toxicology:** Not Known

**Other:** Treatment of overexposure should be directed at control of symptoms and the clinical condition of patient.

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### **Section V – Fire Fighting Measures**

**Flash Point:** Greater than 200 Deg. F

**Fire Extinguishing Media:** Foam, Water fog, Dry chemical, ABC fire extinguisher.

**Fire and Explosion Hazards:** Not applicable

**Fire-Fighting Equipment:** Self-contained positive breathing apparatus and protective clothing should be worn.

### **Section VI – Accidental Release Measures**

If material is released or spilled wear eye and skin protection. Floor may be slippery; use care to avoid falling. Contain spill immediately with inert materials (e.g. sand, earth). Avoid discharge to natural waters. Transfer liquids and solid diking material to suitable containers for recovery or disposal. Check local, state, and federal regulations.

### **Section VII – Handling and Storage**

Use with adequate ventilation. Wash thoroughly after handling. Keep away from heat, sparks and flames.

### **Section VIII – Exposure Controls and Personal Protection**

**Ventilation:** Adequate ventilation.

**Respiratory Protection:** If vapors present, use approved respirator.

**Skin Protection:** Use of protective clothing is recommended.

**Eye Protection:** Wear full-face shield or goggles.

**Exposure Guidelines:** Use impervious gloves. Repeated skin contact could cause dermatitis.

### **Section IX – Physical and Chemical Properties**

**Boiling Point:** Aqueous phase ~100 Deg. C; Oil phase~175 Deg. C

**Vap. Pressure:** Similar to water

**Vap. Density:** Similar to water

**Sol. in water: Limited by viscosity**

**Sp. Gravity:** 1.0

**Appearance:** White, viscous, opaque liquid

**Odor:** Slight hydrocarbon odor

## Section X – Stability and Reactivity

**Stability:** Stable

**Incompatibility:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Burning can produce carbon monoxide and/or carbon dioxide, ammonia, or oxides of nitrogen.

**Hazardous Polymerization:** Will not occur.

## Section XI – Toxicological Information

- ◆ Oral LD50 in rats range from 4.5 to greater than 25 ml/kg.
- ◆ Inhalation LC50 in rats is about 15000 ppm

## Section XII – Ecological Information

- ◆ 96 hr NOEL (Bluegill) = 18.0 mg/L. 96 hr NOEL (Trout) = 10.0 mg./L.
- ◆ 96 hr LC50 (Bluegill) = 89.5 mg/L. 96 hr LC50 (Trout) = 75.2 mg/L.

## Section XIII – Disposal Considerations

Check local, state and federal regulations.

## Section XIV – Transport Information

NMFC number is 4610, adjuvants. NFPA rating is 1- health, 1- flammability, 0- reactivity, and 0-specific hazard.

## Section XV – Regulatory Information

**Sara Hazard Category:** This product has been reviewed according to the EPA hazard categories under section 311 and 312 of SARA Title III, 1986, and is considered, under applicable definitions, to meet the following categories:

- ◆ **Hazardous Components at level which require reporting are:** None
- ◆ **OSHA Hazard Communications Standards, 29 CFR 1910.1200**

This product is non-hazardous.

The information herein is given in good faith, but no warranty, expressed or implied, is made. Consult Brewer International for more information. It is the user's obligation to determine the conditions of safe use of the product.

**Date Revised: October 1, 2009**