

# ACCU-LABS INC.

4831 S. Whipple Avenue  
Chicago IL 60632  
Phone: 773.523.3100 Fax: 773.523.4008  
[www.accu-labs.com](http://www.accu-labs.com)

A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01

## **700 FLOCCULANT** *for treatment of heavy metals in wastewater*

**ACCU-LABS 700 Flocculant** assists in the formation of a heavy metal floc, allowing rapid removal before final effluent discharge.

### **Features and Benefits**

Highly concentrated  
Rapid settling of floc  
Forms a thick sludge

Economical  
Reduced holding time  
Minimizes landfill volume

### **How to use ACCU-LABS 700 Flocculant**

*Equipment designs, chemical feed pumps, and waste streams vary widely - every application is unique. The following information is offered as a guide and must be adapted to your specific requirements.*

#### **General guidelines:**

1. Concentrated material should be mixed for 2 - 3 minutes prior to dilution. Close all containers after use to prevent gelling of flocculant.
2. Normal pre-feed dilution should be 0.5-1.0 liters of **ACCU-LABS 700** for 30 - 50 gallons of water. Water should have a residual chlorine level below 0.5 ppm.
3. Make up only the amount of **ACCU-LABS 700 Flocculant** that will be used within 48 - 72 hours. Extending this pot life may require remixing.
4. **ACCU-LABS 700 Flocculant** provides maximum efficiency if allowed to "age" prior to feeding. This is achieved by mixing the diluted product for 20 - 30 minutes before feeding. A mixer with 1500 - 1800 RPM is recommended.
5. Insufficient concentrations of **ACCU-LABS 700** may result in high metals in the effluent stream; excess may result in flotation, rather than settling of polymer.
6. **ACCU-LABS 700 Flocculant** should be used after chrome reduction, cyanide destruction, and pH adjustment. Optimum pH range is 8.0 - 9.0.

**ACCU-LABS 700** Should be stored in a cool dry area and should never be exposed to temperatures in excess of 100°F. Typical storage life of unopened product is six months.

**ACCU-LABS 700 Flocculant** may cause skin and eye irritation. Use only with suitable protective clothing. Wash thoroughly after using. Refer to Material Safety Data Sheet for more complete information. Handle this and all chemicals with care.

### **Non-warranty**

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