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A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01

701 PREP

heavy metal precipitant

Accu-Labs 701 Prep is sulfide based chemistry, specially formulated for the removal of heavy metals in a variety of waste streams over a wide pH range. **Accu-Labs 701 Prep** is ideally suited for “*difficult-to-treat*” waste streams precipitating metals easily from chelated waste streams prior to discharge. The **777 Flocculant** assists in the formation of a heavy metal floc, allowing rapid removal before final effluent discharge.

Features and Benefits:

- ❑ Highly concentrated.....Economical
- ❑ Rapid settling of floc
- ❑ Minimizes landfill volume
- ❑ Treats chelated waste streams

Guidelines for using 701 Prep:

1. Follow regular procedures for removal of most metals from your waste stream.
2. Adjust pH of effluent to approximately 8.5 - 9.0. **Never add 701 Prep if the pH is below 7.0 as this can result in the release of toxic hydrogen sulfide gas.**
3. While agitating, add the required volume of 701 Prep to the solution. This amount will vary depending on the solution treated. In general, one gallon of 701 Prep can remove 10 ppm of heavy metals from 20,000 gallons of water. Contact an Accu-Labs Representative for bench testing assistance
4. After thorough mixing for one hour, continue with regular floccing, filtration and/or other treatments.

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.

Safety & Handling: 701 Prep should be stored so that it is not subject to excessive heat. Temperatures above 100⁰ F may cause degradation of the product. Always wear proper personal protective gear. Refer to Material Safety Data Sheet for more complete information.

Non-warranty: *The information contained in this bulletin is, to the best of our knowledge, true and accurate. All recommendations are made without guarantee. Accu-Labs Inc. disclaims any and all liability arising from the use of this product or the information contained herein.*