

ACCU-LABS INC.

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A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01

707 Easy - Treat *for treatment of hexavalent chromium in wastewater*

Introduction

ACCU-LABS 707 Easy - Treat is a concentrated liquid additive which reduces hexavalent chromium over a wide pH range. Neutralization then precipitates the chromium rapidly with no additional chemicals required. **ACCU-LABS 707 Easy - Treat** is also used to remove complexed iron cyanides in wastewater.

Features and Benefits

One-step process	Saves time, chemicals, and money
Works over a wide pH range	No adjustment normally required
Precipitates complexed cyanide	Provides total cyanide compliance

How to use ACCU-LABS 707 Easy - Treat

For chrome reduction and precipitation:

1. **ACCU-LABS 707 Easy - Treat** is useful in a pH range of 1 - 9. Adjust if necessary.
2. Add the required amount of **ACCU-LABS 707 Easy - Treat**: one quart typically reduces 100 ppm of hex chrome in 100 gallons of effluent (approximately 38 grams of hex chrome).
3. Adjust pH to 6.0 - 8.5 for rapid precipitation of the trivalent chromium. Addition of a flocculant will accelerate this precipitation.

For removal of complexed cyanides:

1. Treat waste stream in normal manner to eliminate amenable cyanides.
2. Adjust pH to within 1.0 - 6.0.
3. Add the required amount of **ACCU-LABS 707 Easy - Treat**: one quart will precipitate approximately 50 ppm of total cyanide in 100 gallons of effluent.
4. Add one pound of zinc sulfate for each quart of **ACCU-LABS 707 Easy - Treat** used in Step 2.
5. Adjust pH to 7.5 - 9.0 for precipitation of the zinc ferrocyanide.

Safety and handling

ACCU-LABS 707 Easy - Treat may cause skin and eye irritation. Use only with suitable, personal protective gear. 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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