

Floccin A : a unique flocculating agent developed to replace conventional wastewater chemistries. Get better results with less \$\$ all the time, every time.

Our Floccin Case Studies Speak for Themselves...

Floccin A!
(Pronounced "Flockin A")

Mixed Ink Manufacturer

An Ink manufacturer's current treatment was costing \$76/batch, they treat 2000-gallon batches with levels at:

Lead	159 ppm
Copper:	200 ppm
Silver:	4 ppm

Treatment with Floccin A costs are down to \$35/2000 gallon batch with consistent levels of:

Lead:	0.09 ppm
Copper:	0.01 ppm
Silver:	0.10 ppm



Jewelry Manufacturer

A jewelry manufacturer was out of compliance with several metals including lead and silver. Their flushing cleaning water produces wastewater with levels over 100 ppm of lead and silver. By changing the treatment process and adding Floccin A, the facility has been in compliance (lead < 5 ppm, silver < 2 ppm) consistently.



Corrugator

The facility was treating their wastewater with a competitors product at a cost of \$76/batch. After switching to Floccin A the cost per batch went down to \$47. In addition the operator reported clearer water, drier de-watered cake, and more reliable and consistent



Latex Paint

A paint/glazing manufacturer was having difficulty meeting the local 1 ppm lead limit even after treatment with a rotary vacuum filter and sub-micron filtering system. With the addition of Floccin A:

1. Lowered treatment costs by 64%
2. Reclassified sludge to non-hazardous.
3. Lead dropped from 159-ppm to 0.09-ppm
4. Reduced sludge volume by 43%.
5. Eliminated need for filtering unit.
6. Increased throughput.

New MP&M regulations* have You worried?

* Proposed

Metal Plater

This facility was using a conventional treatment of pH adjusting followed by a flocculant. We were able to lower their treatment costs with the following results:

<u>Conventional Treatment</u>		<u>Treatment with Floccin A & IE 061</u>	
Zinc	1.48 ppm	Zinc	0.01 ppm
Copper	2.07 ppm	Copper	0.03 ppm
Nickel	2.38 ppm	Nickel	0.09 ppm

Metal Processor

This facility was in and out of compliance with copper due to the chelating effect of their mold-releasing agents, which keep the copper in solution. Combining Floccin A with our powerful metal precipitant IE-061, their copper levels dropped to 0.15 ppm. Even this performance came at a reduced cost per gallon treated.

Availability

- 50 lb Bags or 2000 lb Super Sacks.
- Feeders Available.
- Many blends, Floccin A, B, C, D....
- Call for free samples.



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Let us help you with your wastewater.

Call Now.

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Wastewater experts