

# PRODUCT INFORMATION

## MIRAFLOC 100

MIRAFLOC 100 is a complete wastewater treatment formulation designed to both flocculate out suspended solids and remove dissolved metals such as lead, mercury, nickel, zinc, and copper. This helps ensure that a plant's waste water meets or exceeds certain restrictions on heavy metals as well as suspended solids and color.

### SPECIFICATIONS:

Appearance:	Clear liquid
Specific Gravity:	1.23
Weight/gallon:	10.26 lbs./gallon
pH:	2.0 to 3.0
Solids:	37% $\pm$ 1%

### DIRECTIONS:

MIRAFLOC 100 works best at a pH between 8-10. Raise the pH to between 9 and 10 using either Pharagent S or caustic soda. With some agitation, add MIRAFLOC 100. The amount required will depend on the amount of suspended solids. Usually, .025% to .1% is sufficient. Once MIRAFLOC 100 is added, recheck the pH to ensure that it is still 8-10. At this point, the floc will either sink or float depending on the specific gravity of the suspended solids.

If the floc sinks, decant off the clear water and either return to your process for reuse or send down the drain. If the floc floats, either take the clear water from the bottom or skim off the floc.

The floc will have to be discarded in accordance with federal, state, and local regulations, depending on the characteristics of the waste being generated.

The data and suggested formulations in this bulletin are based on information believed to be reliable and are offered solely for evaluation, investigation and verification of the numerous factors affecting results. Paradigm Lab's products are sold with the understanding the purchasers will make their own tests to determine the suitability of these products for the particular use. We assume no liability or responsibility for any damage to person or property resulting from or incident to the use of our products.

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