



AUTOMATED CHEMICAL SOLUTIONS

Chemicals and Controllers for PWB Fabrication

Product Overview

AUTOtreat MP-9230 **Metal Precipitant**

Product Description

AUTOtreat MP-9230 is a calcium polysulfide based waste treatment additive for precipitating metal ions. MP-9230 provides a safe, cost effective means for removing heavy metals from chelated and non-chelated waste streams. MP-9230 can be used in batch or continuous treatment processes and will reduce most heavy metal concentrations to below 0.10 ppm. MP-9230 forms a chemically stable sludge that settles rapidly and dewateres easily.

Physical Properties

Specific gravity:	1.17
pH:	11-13
Appearance:	clear, yellow-green to amber liquid
Flash point:	> 200 °F

Operating Parameters

MP-9230 can be used in either batch or continuous treatment applications. Adjust waste stream to a pH of 4 – 5 for chelated waste streams or 6 – 8 for non-chelated streams prior to adding MP-9230. Addition rates can be controlled through monitoring waste stream ORP or through empirical determination. When using ORP to control additions, the setpoint will typically be between 0 and –50 mV. The required setpoint will vary with each application and on-site testing is always recommended. The use of an anionic polymer flocculent, such as AUTOtreat PF-9310, will increase settling rates and enhance dewatering of the sludge.

Safety

Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

Notice

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