



Product Overview

***FOCUS*treat MP-9230**

Metal Precipitant

Product Description

FOCUS^{treat} 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

General Operating Procedure

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 of MP-9230 can be controlled through monitoring waste stream ORP or through empirical determination. When using ORP to control additions, the set point will typically be -50 mV or lower. The required set point will vary with each application and jar testing is always recommended. The use of an anionic polymer flocculent, such as FOCUS^{treat} PF-9310, will increase settling rates and enhance dewatering of the sludge.

Storage

Store in original containers above 40 °F away from alkaline materials.

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

The information and recommendations, contained herein, regarding this product are, to the best of our knowledge, true and accurate. We make no guarantee of results because the conditions of actual use are beyond our control. We assume no liability for damages or penalties resulting from the use of this product or following our recommendations. Our recommendations and suggestions for use of this product are not intended to grant license to operate under or infringe any patent.