

Water Technologies & Solutions fact sheet

MetClear* MR2432

heavy metal precipitant

- Highly efficient emulsion breaker for oil-in-water emulsions containing metals
- Effective on copper removal
- Excellent coagulant properties promoting maximum water clarity
- Easy to feed and low viscosity
- Forms a compact, low volume, high solids sludge

description and use

MetClear MR2432 is a low charge, low molecular weight, liquid metals precipitant with coagulation properties. It is designed to function in a total SUEZ treatment program when metals removal and colloidal suspended solids precipitation is required.

MetClear MR2432 also effectively destabilizes oil-in-water emulsions for treatment in either gravity or air flotation units when both emulsified oils and metals require removal. It functions over a wider pH range compared to inorganic coagulants, thus reducing the need for pH adjustment.

Jar testing to determine treatment efficacy is recommended for all applications.

treatment and feeding requirements

MetClear MR2432 is miscible with water in all dilutions and may be diluted with good quality water to any ratio to meet the chemical feed pump capacity. For optimal product distribution, it should be diluted to 10% or less with clean water. Normally the product is applied neat (undiluted) to an area of high turbulence. For best results, MetClear MR2432 should be applied at a point where vigorous agitation is ensured, such as the suction side of a water/wastewater pump.

Avoid using unlined mild steel and aluminum in selecting tanks and piping, and for wetted surfaces of pumps to feed

the product. Corrosion-resistant materials of construction, such as Incoloy, Hastelloy, polyethylene, HDCLPE, and PVC, are recommended. Consult your SUEZ representative for more information in the selection of tanks, piping, and fittings.

general properties

Physical properties of MetClear MR2432 are shown on the Material Safety Data Sheet, a copy of which is available on request.

packaging information

MetClear MR2432 is a liquid product, available in a variety of containers. Consult your SUEZ representative for delivery and packaging alternatives.

storage and handling

MetClear MR2432 should be stored at moderate temperatures of 40 to 80°F (4 to 26.7°C). Avoid temperatures higher than 80°F (26.7°C) and protect from freezing. If frozen, thaw and mix thoroughly prior to use.

For bulk tank storage, a periodic tank clean-out frequency of every two years is highly recommended to eliminate accumulated aged material that could promote product gelling.

safety precautions

A Material Safety Data Sheet containing detailed information about this product is available upon request.