

## Water Technologies & Solutions fact sheet

# MetClear\* MR2406

## metals precipitating agent

- Completely water soluble
- Precipitates metals over a wide pH range
- Enables wastewater recycling for plant processes
- Can be applied during normal treatment process or as a polishing agent for wastewater treatment
- Effective for various metals, including cadmium, chromium, copper, lead, mercury, nickel, silver, selenium, and zinc

### description and use

MetClear MR2406 is a liquid precipitating agent for metals. It is effective in precipitating metal ions to low concentrations in wastewater. A typical application for this product is as a polishing step following conventional metal precipitation processes, such as hydroxide precipitation. It can be considered as an alternative to conventional techniques for precipitation of higher levels of metal ions.

### treatment and feeding requirements

MetClear MR2406 can be added during the normal treatment process. It is miscible with water in all dilutions; therefore, it may be diluted to any ratio desired to meet chemical feed pump capacity. Dilution water should be good quality with a pH near neutral. The product can be applied neat to an area of high turbulence, such as the suction side of a pump.

In practice, after the addition of MetClear to a batch solution or continuous stream, the treated water should be agitated to allow for reaction before the metal precipitate settles.

Polypropylene, stainless steel (304 or 316), or high density cross-linked polyethylene (HDCLPE) may be used for tank storage. Materials recommended for

tubing and fittings are rigid PVC, stainless steel, HDCLPE, polypropylene, Viton, Buna N, and Tygon. (Viton is a registered trademark of DuPont Dow Elastomers. Tygon is a registered trademark of Norton Co.) Avoid the use of low carbon steel, brass, zinc, and other metals in piping and storage tank construction.

### general properties

Physical properties of MetClear MR2406 are listed on the Material Safety Data Sheet, a copy of which is available on request.

### packaging information

MetClear MR2406 is a liquid product, available in a variety of containers. Consult your SUEZ representative for packaging options.

### storage and handling

MetClear MR2406 should be stored in a cool, dry environment. Keep container closed when not in use. Protect from freezing. If frozen, thaw and mix thoroughly prior to use.

### safety precautions

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