

Mercury Decontamination Chemical

MDC is specially formulated to deal with Mercury and its oxide presence in both vapor and solid form. It is a powerful removing agent to effectively eliminate the present of mercury formation during the oil and gas production and processes. It serves to ensure petrochemical plant workers' safety from potential mercury hazard when performing decontamination and cleaning of process line, vessel, storage tank and column. MDC is formulated to provide compatibility for various material systems and application conditions.

Performance Features

- Degrades mercury to more soluble product for removal.
- Freeze stable.
- Performs either in low or high temperatures.
- Can be diluted up to 1:250 for decontamination purposes.
- Act as a corrosion inhibitor in some systems.
- Can act as a soil degreasing

Application

MDC is typically applied neat. Continuous or batch application is recommended by applying circulation technique for a period between 8 – 12 hours. The recommended minimum dosing for process system is 50 ppm, and dilution with DI water at the ratio of 1:400 for storage tank and vessel. Actual volume required depends on the field conditions and system dynamics. For further information please consult our technical representative.

Packaging and Distribution

Available in 209 liters returnable drum.

Safety and Handling

Avoid contact with skin or eyes. Wash off skin and irrigate eyes with plenty of water in case of accidental splashes occur. Wear appropriate protective clothing. Material Safety Data Sheets is available upon request.

Typical Physical Properties

Operating Temperature	Min 25°C to Max 90 °C
Physical State	Liquid
Boiling Point	>200 °C
Flash Point	>230 °C
Evaporation Rate	Not determined
Density	0.99 – 1.05 kg/L @ 15 °C
Appearance	Pale to dark yellow
Odor	Mild Odor
pH	5 – 6