



PRODUCT DATA SHEET

PRODUCT NAME: **VapoScrubKMnO₄**

Potassium Permanganate is an inorganic chemical compound with the formula KMnO₄. It is a salt that disassociates in water to form of K⁺ and MnO⁻ ions and is used to treat vapor streams containing H₂S. Potassium permanganate is used as an oxidizing

agent turning H₂S into elemental Sulfur and Manganese Dioxide. The products of this reaction form insoluble particles that can be easily filtered from the solution. The reaction between these two chemicals is fast acting and highly efficient.

PRODUCT USES & APPLICATIONS

- Passive and Recirculating Chemical Scrubbers
- Passive Odor Control
- Wastewater Vapor Control

APPLICATION INSTRUCTIONS

- Typical Solution Strength 3%
- Application Scrubber systems
- Special Instructions Consult engineering team prior to mixing for correct solution concentrations

HAZARDOUS INFORMATION

- Specific Hazards Eye and skin contact, inhalation and ingestion
- Flash Point (°F) Non-flammable
- Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations

PACKAGING INFORMATION

- Delivery State Solid or powder
- Available Quantities 55 lbs. or bulk quantities
- Packaging Bucket

OTHER INFORMATION: Highly reactive with organic materials, metals and acids. Consult engineering team for chemical capabilities.

