

HS-400

ODOR & VOC TREATMENT



HYDROSIL
INTERNATIONAL LTD.

APPLICATIONS

Odor Control
Sewage Treatment Plants
Steel & Metal Producers
Wastewater Facilities
Landfills
Oil, Gas, & Petrochemical

Hydrosil's HS-400 uses reactive chemistry to oxidize various inorganic and organic compounds. The HS-400 is manufactured by impregnating alumina with potassium permanganate (KMnO₄). Through oxidation-reduction (redox) reactions, KMnO₄ is used in vapor control to remove harmful gases such as DCE, TCE, DMS, DMDS, mercaptans, and styrene.

TYPICAL PHYSICAL PROPERTIES

Apparent Density, lb./ft ³	49 – 51
Standard Mesh Size	3 x 5
Crush Strength, kg. min.	2.3
Active Ingredient, % wt.	4.0 – 6.0

DIFFERENTIAL PRESSURE

