



Engineered Systems
& Specialties

Spectrum® HS-600.

**The Number
One Method
for Removing
Acid Gases
and other
Airborne
Pollutants.**

SIGNAL FROM INSTRUMENTATION
INDICATE GAS FLOW [ABOVE
40
41
PANEL - FLOW CO
FROM PUMP

**SPECTRUM® HS SERIES
WORKS WHERE
YOU DO.**

- *Oxidizes Acid Gases,
Fumes and Odors*
- *More Potassium
Permanganate*
- *Molecular Sieve Substrate
Offers Positive Pollution
Control Properties*
- *Longer Service Life*
- *Lower Cost Contaminant
Removal per PPM*
- *Labor Savings*
- *Non Flammable*

Spectrum HS-600 is the most effective solution for odor and corrosion control available. For greater adsorption *and* oxidation, choose XB-17, a unique blend of HS-600 and HS-AC, high quality activated carbons.



1565 Britannia Rd. E Units 36-37
Mississauga, Ontario
L4W 2V6

Phone: 905-696-9292
Toll Free: 1-877-896-9292
Fax: 905-696-8046
Email: info@esscorp.ca
Website: www.esscorp.ca

**Spectrum® HS-600.
The Oxidation Heavyweight.**

Hydrosil International Ltd. introduces a major breakthrough in oxidation of acid gases, fumes and odors. Spectrum HS-600, a unique molecular sieve impregnated with potassium permanganate, was created in our laboratories to oxidize gaseous pollutants such as hydrogen sulfide, sulfur dioxide, formaldehyde, ethylene, mercaptans, and various aldehydes and alcohols. Effective in air dryers, scrubber tanks, compressor intakes, exhaust systems, computer rooms, general HVAC applications, and fresh fruit, vegetable and flower storage & transportation, Spectrum HS-600 oxidizes contaminants more efficiently and offers longer service life than competitive products.

Tough on the Competition. Tougher on Gas.

Spectrum HS-600 beats competitive products two ways. First, Spectrum HS-600 has more active ingredient. And second, Spectrum HS-600 doesn't dust.

Spectrum HS-600 provides more active ingredient -- 80% more! As a direct result, Spectrum HS-600 offers a longer service life, a lower contaminant removal cost, and a significant labor savings. In addition, when dusting occurs in competitive products, up to 5% of the active ingredient is lost. Furthermore, dusting puts a tremendous strain on the rest of the pollution control system and causes a hazard to the worker including irritation to the eyes and skin.

**Spectrum XB-17.
The Best of Both, HS-600 with Activated Carbon.**

There are situations where providing either adsorbent properties or reactive chemistry alone are not enough. For example, in the air stream, carbon can adsorb the higher molecular weight hydrocarbons, but it does nothing to lower weight hydrocarbons or acid gases. Spectrum XB-17 solves this problem by providing both adsorbent properties and reactive chemistry. A 50/50 blend by volume of HS-600 and 60% CTC activated carbon, the carbon in Spectrum XB-17 adsorbs the higher molecular weights, while the HS-600 oxidizes the acid gases and lower molecular weight hydrocarbons.

The Lowest Cost Oxidation Media is also Easy to Handle.

Spectrum HS-600 and XB-17 are available in easy to handle one cubic foot cartons, pails, drums or super sacks. It should be stored in its original container and kept tightly sealed to keep it from going to work. Spectrum HS-600 presents no health hazard when shipped, stored, and handled correctly. Please refer to our Material Safety Data Sheet for more information.

Panels, Trays, Modules, Cells and Scrubbers.

Hydrosil International Ltd. has a complete line of replacement and original equipment panels, trays, modules, cells and scrubbers. They are available in coated cold roll, galvanized or stainless steel. Call us for solutions to your gas phase problems.

Please contact Hydrosil International Ltd. or your Local Distributor.

Hydrosil International Ltd. makes no warranty, either expressed or implied, including any warranties of merchantability and fitness for a particular purpose.