

# Purple Haze

Sorbent Granules for Air Scrubbing and  
Oxidation of Gas Streams

## Specifications

### Product Description:

Purple Haze is a product consisting of high-surface area, modified alumino-silicate granules and potassium permanganate. The granules are dry and free-flowing. Purple Haze absorbs and oxidizes contaminants in gas streams such as hydrogen sulfide, ethylene, mercaptans, various aldehydes and alcohols.

### Physical Properties:

Bulk Density	60 lbs. per cubic foot
Particle Size	4.7 to 6.5 mm
Color	deep purple
Surface Area	40 to 60 square meters per gram
Hardness, Mohs Scale	5.0
Moisture Content	15 to 18 percent
Potassium Permanganate Content	6 percent

### Key Properties:

Purple Haze granules have a high surface-area, large internal void space for effective capture and oxidation of acid gasses, odor molecules and alcohols. The physical and chemical properties of Purple Haze create a unique surface area between and within granules to minimize plugging of the gas flow as oxidation of contaminants progress. Purple Haze granules are UL approved and inspected.

### Principal Uses:

These purple granules were developed for use in air dryers, scrubber tanks, compressor intakes, exhaust systems, computer rooms and general HVAC applications. Pound per pound, Purple Haze provides 30% more active ingredient without the dust of alumina-based products.

### **Biomin Inc.**

21641 Meijer Rd., Oak Park, MI 48237  
(248) 544-2552 (248) 544-3733 (fax)  
[www.biomininc.com](http://www.biomininc.com)