

PRODUCT BULLETIN

EMERGENCY GAS SCRUBBER

The Purafil Emergency Gas Scrubber (EGS) is designed to protect facility staff and the local community in the event of a catastrophic toxic gas release. Purafil has standard options to mitigate large and small scale leaks of chlorine, ammonia, sulfur dioxide, or hydrogen fluoride, resulting from a failure in the storage system, by providing immediate protection against leaking gas.

Low Maintenance:

- Patented media technology chemically converts gas into non hazardous solid.
- No caustic liquid, non-toxic, non-hazardous and landfill disposable before and after use.
- No secondary containment needed
- No pumps and seals
- Media does not degrade over time
- Simple, reliable controls for easy integration
- Free media life analysis to ensure optimal performance.

The Purafil Solution:

- Keep the plant personnel, property, and surrounding community safe
- Keep gas storage rooms under negative conditions during catastrophic releases
- **Highest flow rates** (CFM) to quickly and efficiently mitigate releases
- Patented Chlorosorb® Ultra media offers the **highest chlorine absorption rate (15% by weight)**
- Highest performing equipment **optimizes size and performance**
- Standard systems for 150lbs up to 2-ton chlorine cylinders.
- Applicable designs for your specific head space/foot print limitations, preferred material, and system flow dynamics.
- Exceeds OSHA, EPA, IFC, UFC, and 10 state standard requirements

FOC1: For 1 Ton CL₂ Cylinders



AOC1: For 1 Ton CL₂ Cylinders



FOC5: 150 lb CL₂ Cylinders

