

# Biogas Desulphurization Sulphasorb Fe™ Adsorbent Media



Reduce costs and increase efficiency  
when converting waste to energy



Sulphasorb Fe is an iron oxide based scavenger, specialized for use in Biogas applications. Sulphasorb Fe breaks new ground in the removal of H<sub>2</sub>S due to having a removal capacity that is minimum 25% by weight.

Unlike competing Iron Oxide or Iron Hydroxide scavengers, there is not an elemental sulfur build up on the outside - allowing the media to continue adsorbing thus extending its life. Sulphasorb Fe has been successfully used in applications up to 100,000 ppm.

Sulphasorb Fe adsorbent media provides double the desulfurization capacity as iron sponge technology, creating a more cost-effective solution. Ensuring over 99% removal of H<sub>2</sub>S, Sulphasorb Fe's price makes it an even more attractive solution for removing biogas.

Benefits	Features
Powerful	<ul style="list-style-type: none"> <li>• Long lasting media life</li> <li>• Cost-effective and consistent performance</li> <li>• Effective in humid air</li> <li>• Doesn't require oxygen; oxygen extends media life</li> </ul>
Low Maintenance	<ul style="list-style-type: none"> <li>• Non-bricking formulation reduces maintenance costs</li> <li>• Quick media changeout minimizes downtime and labor costs</li> <li>• Used and unused media is environmentally friendly</li> </ul>
Specifications	<ul style="list-style-type: none"> <li>• Particle Size: 5mm</li> <li>• Density: 801 kg/m<sup>3</sup> (50 lbs/ft<sup>3</sup>)</li> <li>• Typical Moisture Content: 5%</li> <li>• Abrasion Loss: 5% maximum</li> <li>• Removal Capacity: 25% by weight minimum</li> </ul>
Multiple Applications	<ul style="list-style-type: none"> <li>• Wastewater treatment biogas</li> <li>• Landfill biogas</li> <li>• Dairy biogas</li> </ul>

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