

ODOR CONTROL SOLUTION

Molecular Media
2022 Catalog®





*Fresh air is the secret
to a healthy life.*

*Fresh air is nature
speaking to us.*



Molecular Media

Ebrafil's patented, spherical, porous pellets remove gaseous pollutants from the air through a unique chemical process known as chemisorption. During chemisorption, the media converts harmful gases from the air into harmless materials that are trapped inside the pellet. This process is instantaneous and irreversible.





Ebrasorb Amo

Removes common bathroom odors—including urine, ammonia and chlorine—to protect occupants and provide an odor-free environment.

- Ideal for use in:
 - Commercial Buildings
 - Hospitals & Healthcare Facilities
 - Hotels & Resorts
 - Airports
 - Educational Institutions



Ebrasorb Chloro

Chlorosorb Ultra is especially formulated for use in Ebraco's emergency gas scrubbers to provide protection from a catastrophic release of chlorine gas from on-site storage. The removal capacity for chlorine gas is 15% minimum by weight and can remove chlorine gas from storage cylinders ranging from 150 pounds to one ton and higher.

Features:

- non-toxic and non-hazardous as supplied
- landfill disposable
- UL 900 classified for flammability
- tested for bulk density, impregnation level, moisture content, crush strength, abrasion



Ebrasorb MG

50:50 volume blend of Chemisorbant and Ebrakol. Chemisorbant media is impregnated with potassium permanganate to provide optimum adsorption, absorption and oxidation of a wide variety of gaseous contaminants. The Ebrakol® Media shall be an activated carbon for the control of hydrocarbons with a high surface area available for adsorption.

Ebrasorb CSO

Proven to offer a high removal capacity for chlorine and sulfur dioxide gas, and is also recommended for prevention of toxic gas releases.



Ebrasorb Diesel

Our Jet & Diesel Exhaust media blend specifically targets diesel exhaust gases and odors from nearby traffic and vehicles as well as exhaust fumes from jets and helicopters. This allows for a more effective removal of the gases and contaminants.

- Ideal for use in:
 - Commercial Buildings
 - Hospitals & Healthcare Facilities
 - Hotels & Casinos
 - Airports
 - Educational Institutions
- Available in:
 - Ebracoter High Efficiency (HE), V-Bank, Canisters, Modules, Boxes, Sling Bags
- Target Gases: H₂S, SO₂, NO₂, HC, CH₂O, VOCs



Ebrasorb Kitchen

Captures smoke and common kitchen odors, including those resulting from burnt food, cheese, mold and tobacco.

- Ideal for use in:
 - Commercial Buildings
 - Hospitals & Healthcare Facilities
 - Hotels & Casinos
 - Airports
 - Educational Institutions
- Available in:
 - Ebracoter High Efficiency (HE), V-Bank, Canisters, Modules, Boxes, Sling Bags
- Target Gases: H₂S, SO₂, NO₂, Cl, VOCs





Ebrasorb H2S

Highly effective at removing 0.30 grams (g) of odorous hydrogen sulfide gas (H₂S) per cubic centimeter (cc) of media. This is the primary media for odor control systems in wastewater treatment applications.



Ebrasorb HC

Odorkol™ ensures the complete removal of hydrocarbons, allowing the remaining media stages to be fully available for reaction with hydrogen sulfide, sulfur dioxide and other sewerage gases.



Ebrasorb Odormix

Odormix SP is a chemical media. It eliminates a broad range of odors and is often used in the final or “polishing” stage of filtration.

Ebrasorb Oxidize

Powerful oxidizer for hydrogen sulfide, sulfur dioxide, nitric oxide and formaldehyde. High removal capacity for sewage gases, including hydrogen sulfide, aldehydes, sulfur dioxide and many organic compounds.



Ebrasorb Outdoor

Our Outdoor Pollution & Corrosion media blend specifically targets common corrosion-causing gases and outdoor pollutants, which allows for a more effective removal of these damaging gases and contaminants.

- Ideal for use in:
 - Commercial Buildings
 - Hospitals & Healthcare Facilities
 - Hotels & Casinos
 - Airports
 - Educational Institutions



Ebrasorb Corro

Designed for neutralization of chlorine, hydrogen sulfide and sulfur dioxide, this media is manufactured specifically for the corrosive environments and consists of generally spherical, porous pellets. Composed of carbon, alumina and other binders





Ebrasorb Base

Ebracarb AM targets base gases such as amines, ammonia, and like compounds. It has a higher bulk density and larger removal capacity than standard ammonia control media. It provides 99.5% initial removal efficiency in Ebraco equipment systems.



Ebrasorb Chem

Ebraco Chemisorbant targets the removal of hydrogen sulfide (H₂S), sulfur dioxide (SO₂), nitric oxide (NO), and formaldehyde (CH₂O). This media is formed from a combination of activated alumina and other binders, impregnated with potassium permanganate, providing optimum adsorption, absorption, and oxidation of a wide variety of gaseous contaminants.



Ebrasorb SP

Effectively removes hydrogen sulfide, sulfur dioxide, nitric oxide and formaldehyde. Demonstrates a higher working capacity for broad-spectrum oxidation of contaminants in actual field conditions, where multiple gas challenges are present. The Ebraco SP contains 12% permanganate.

Ebrasorb AC



Ebrakol Media is a pelletized activated carbon with a pore structure that is optimal for the adsorption of a broad range of contaminants and concentrations.

Features:

- + Exhibits high surface area, fine pore structure, high density and high volume activity.
- + The engineered pellet shape results in excellent gas distribution in carbon bed and allows it to operate at lower pressure drops
- + Higher density results in high volume activity and economical vessel design.
- + Suitable for the removal of a wide range of pollutant in the vapor phase.
- + The predominant micropores ensures effective removal of low molecular weight contaminants

Ebrasorb AC+



Ebrakol P+ Media is a pelletized coconut activated carbon with a pore structure that is optimal for the adsorption of a broad range of contaminants and concentrations.

Features:

- + Exhibits high surface area, fine pore structure, high density and high volume activity.
- + The engineered pellet shape results in excellent gas distribution in carbon bed and allows it to operate at lower pressure drops
- + Higher density results in high volume activity and economical vessel design.
- + Suitable for the removal of a wide range of pollutant in the vapor phase.
- + The predominant micropores ensures effective removal of low molecular weight contaminants

Ebrasorb SO



Removes sulfur oxides and other odorous pollutants from makeup air. Ebraco Select is also recommended for the preservation of fruits, vegetables, and flowers because of its effectiveness at removing ethylene, a ripening agent. Contains 8% of potassium permanganate

Ebrasorb SO Blend

50:50 volume blend of Select and Ebrakol. Removes sulfur oxides and other odorous pollutants from makeup air. Automobiles and other sources of fossil fuel combustion produce these pollutants. In return air applications, Ebraco Select removes emissions from office furnishings and human bioeffluents.



Ebrasorb Multi

50:50 volume blend of SP and Ebrakol. Demonstrates a higher working capacity for broad-spectrum oxidation of contaminants in actual field conditions where multiple gas challenges are present.

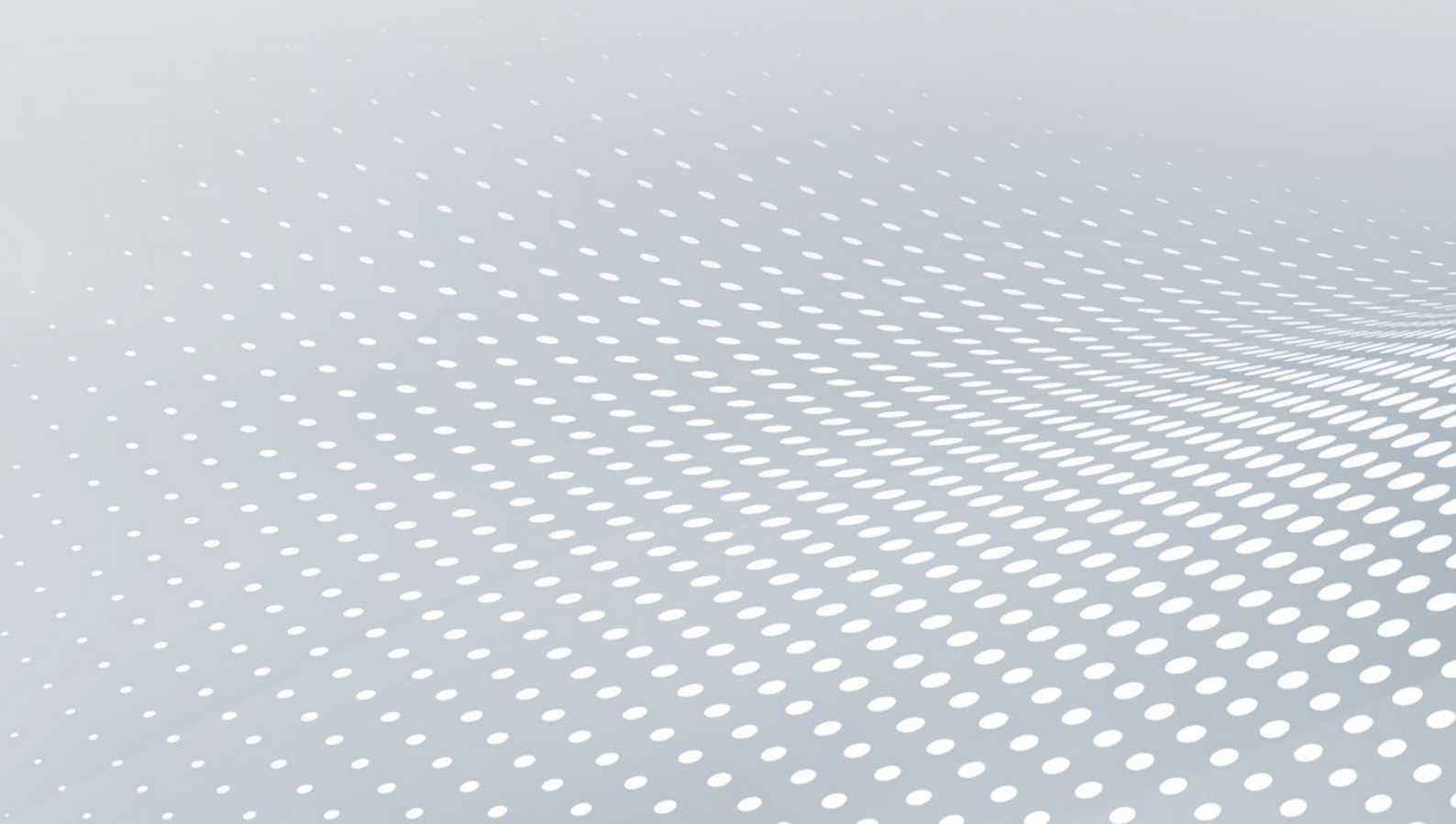


Ebrasorb 3Effect

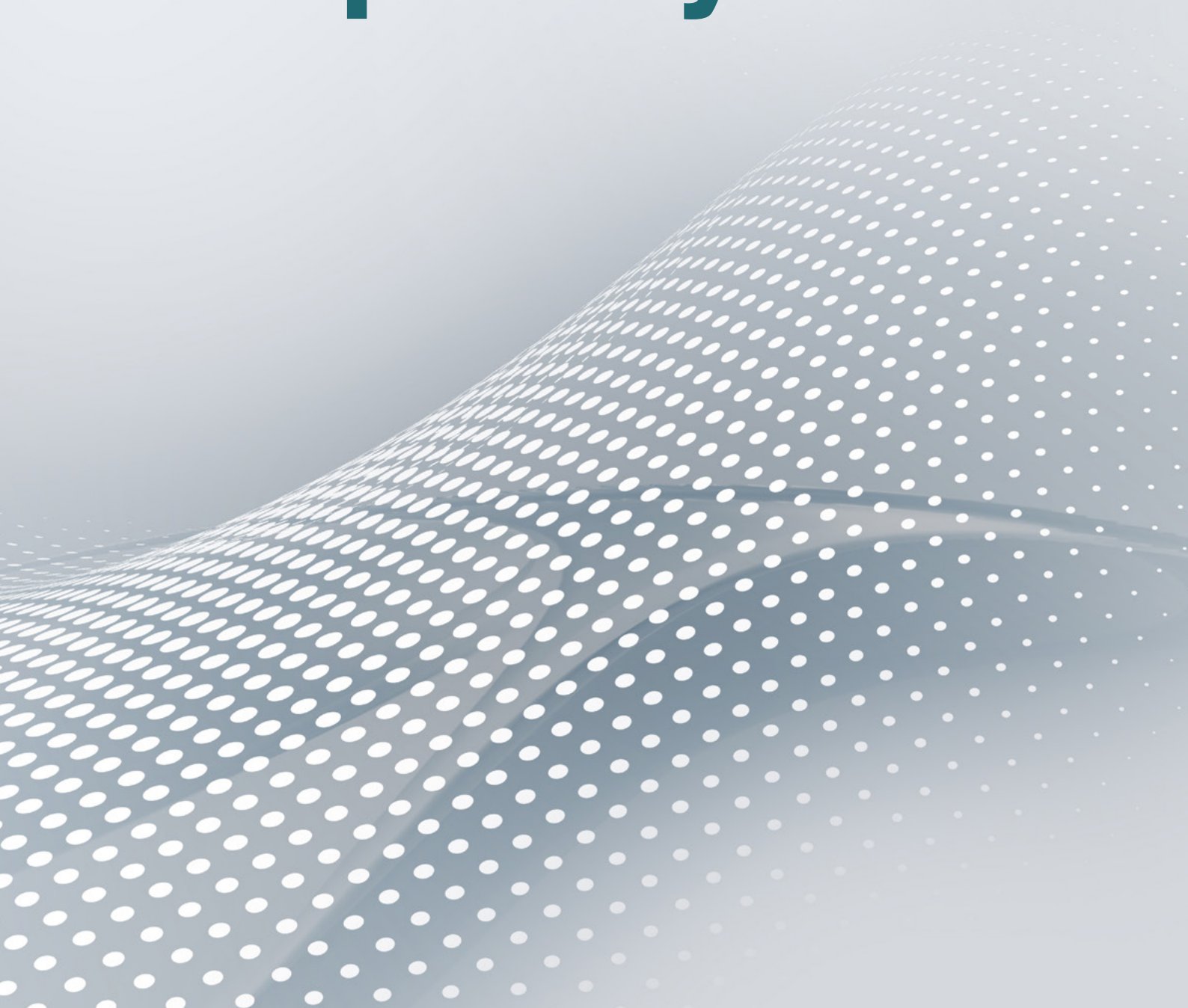
50:25:25 blend of Ebracarb, Ebraco Select and Ebrakol. Removes the widest variety of odors and gases from applications where jet fuel fumes, diesel exhaust and automobile emissions are present.



Purity is



our quality





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