

## DEXSORB®

Granular Cyclodextrin-based Adsorbent for PFAS Removal from Water

### Features and Benefits

- DEXSORB® is a novel cyclodextrin adsorbent, designed for the treatment and environmental monitoring of PFAS (poly- and perfluoroalkyl substances).
- DEXSORB® features superior properties of (i) rapid kinetics, (ii) high treatment capacity, (iii) resistance to fouling, and (iv) easy regeneration.
- These properties derive from DEXSORB®'s unique adsorption mechanism of binding within uniform 0.78-nm cyclodextrin cavities, which provide molecular-level PFAS selectivity by size-inclusion and shielding from matrix effects by size-exclusion.
- DEXSORB® is effective against diverse PFAS regardless of chain lengths, functional groups (ionization states), or structures (linear or branched) including carboxylic acids (e.g., PFBA, GenX, PFOA), sulfonic acids (e.g., PFBS, PFHxS, PFOS) and their precursors (e.g., FASAs and fluorotelomer substances). This provides future proofing benefits as PFAS regulations expand and new PFAS structures emerge.

### Specifications

|                    |                          |
|--------------------|--------------------------|
| Media composition  | crosslinked cyclodextrin |
| Appearance         | yellow granules          |
| Effective Size     | 0.2 to 2.0 mm            |
| pH                 | 5-9                      |
| Thermal Stability  | 300 °C (max)             |
| Typical Properties |                          |
| Bulk Density (dry) | 0.56 g/mL                |
| Bulk Density (wet) | 0.40 g/mL                |

### Certifications and Approvals

NSF / ANSI Standard 61:  
Drinking Water System Components –  
Health Effects Standard



#### Municipal

Drinking Water

Wastewater & Leachate



#### Industrial

Wastewater

Food & Beverage



#### Environmental

Surface water

Groundwater



#### Household

Potable Water

PoU & PoE



#### Analytical

Passive Sampling

Solid Phase Extraction



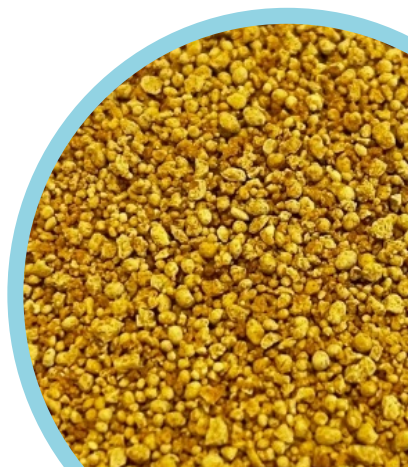
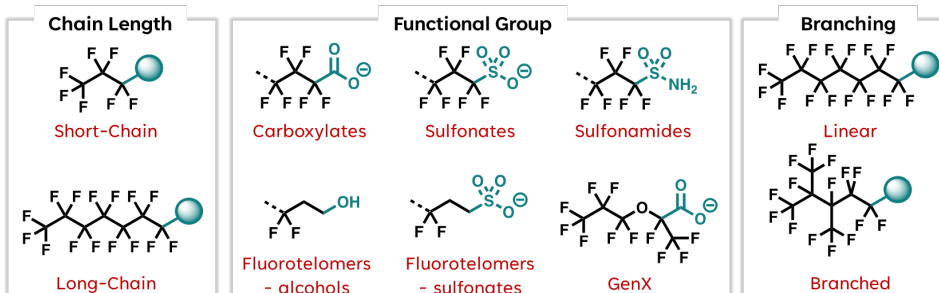
#### Agricultural

Liquid Manure

Lagoon Water

### Contaminant Removal

Effective for  
all forms of  
PFAS:



Making water safe. For everyone. Everywhere.

#### Research & Technology Center

8045 Lamon Avenue, Suite 140  
Skokie IL 60077

#### Contact

✉ [contact@cyclopure.com](mailto:contact@cyclopure.com)  
☎ (312) 639-5009  
🌐 [www.cyclopure.com](http://www.cyclopure.com)