

# Product Bulletin

Ecologically Effective Contaminants Adsorption

## Sorbster® Cu-1

### Adsorbent Media for Copper Removal

Sorbster® Cu-1 is a promoted alumina media which covalently bonds soluble copper to its active sites.

Sorbster® Cu-1 is to be used in applications requiring the removal of copper only from industrial waters.

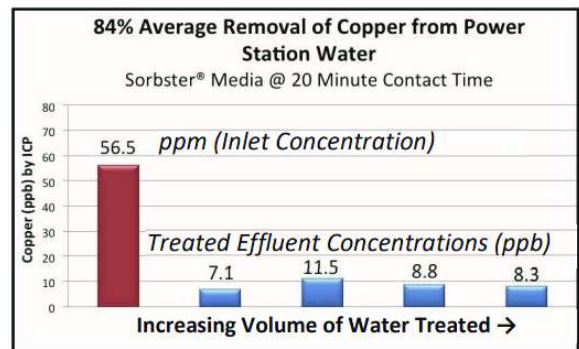
### Features and Benefits

- Cost effective media for applications specifically formulated for removal of copper
- High macroporosity Sorbster® Cu-1 provides a high adsorption capacity
- Effective for trace and mg/L copper concentrations in one pass
- Sorbster® Cu-1 required contact time is low, resulting in a smaller equipment footprint and lower capital costs
- Rapidly bonds soluble copper to active sites throughout the media
- Constant chemisorption kinetics in a wide variety of water qualities and applications, making the media effective over a broad temperature range
- Media is not regenerable. Typically passes TCLP and CA WET tests for non-hazard disposal options
- Long Media life minimizes change-out costs



### Product Specifications

|                                      |                         |
|--------------------------------------|-------------------------|
| Particle Size                        | Nominal 1/8" Granules   |
| Bulk Density (lbs./ft <sup>3</sup> ) | 48                      |
| Moisture Content                     | <10%                    |
| pH Range                             | 3–10                    |
| Flux Rate                            | 1–6 GPM/ft <sup>2</sup> |
| Empty Bed Contact Time               | 15–30 minutes           |
| Back Wash Bed Expansion              | 5%                      |



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