

## AquaSorb® CX-MCA

# catalytic granular coconut shell based activated carbon

#### **Features and Benfits**

- Catalytic activity
- Large and extensive internal pore structure
- · Optimized density
- Maximum hardness
- · Low dust and turbidity
- Excellent adsorption capacity
- · High volume activity
- · Rapid dechlorination
- · Low filtered water turbidity

#### Typical Applications

- Residential water treatment systems Point of Entry (POE) / Point of Use (POU)
- Beverage production
- Protection of ion exchange resins from chloramines

#### **Available Particle Sizes**

- 12x40 mesh (0.425 1.70 mm)
- other granulations available upon request

### **Certifications and Approvals**

- AWWA B604-96
- EN12915
- NSF Std. 61

an exceptionally clean activated carbon product.



AquaSorb® CX-MCA is an activated carbon with a catalytic activity that is required for liquid phase application involving oxidation, reduction, and decomposition.

AquaSorb® CX-MCA is a catalytic, high activity granular activated carbon

manufactured by steam activation of select coconut shell charcoal. The catalytic

activity of this activated carbon makes it highly effective for the removal of

chloramines and hydrogen sulfide from potable water. Its large micropore volume

makes it particularly well suited for the removal of low molecular weight organic

compounds and their chlorinated by-products such as chloroform and other

trihalomethanes (THMs). An important feature of this material is its superior

mechanical hardness and the extensive dedusting during its manufacture ensures

#### **Standard Packaging**

- 25 kg bag (55 lb)
- 500 kg bulk bag (1100 lb)



### **Specification**

lodine number	min. 1000 mg/g
Moisture content (as packed)	max. 5%
Total ash content	max. 4%
Ball-pan hardness	min. 98%
CTC activity	min. 50%
Catalytic activity	min. 20°C

#### **Typical Properties**

Surface area (BET)	1060 m²/g
Apparent density	514 kg/m³
Bed density, backwashed and drained	437 kg/m³
pH	10

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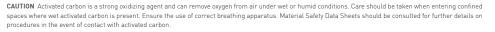




Polyethylene valve bags of 25 kg (55 lb) net weight on 500 kg (1100 lb) pallets



Polypropylene liner-free FIBCs (super sacks) of 500 kg (1100 lb) net weight



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