

**PRODUCT DATA BULLETIN**

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**Description and Typical Applications**

Nuchar AquaGuard Powder is a high-activity powdered activated carbon specifically designed to remove chloramine, chlorine, and other undesirable chemicals from drinking water and purify a variety of foods, chemicals, and pharmaceuticals. AquaGuard Powder is specially processed to produce a high-purity product with low ash content, low soluble iron, and a pore structure that is optimum for a wide range of treatment applications. Nuchar AquaGuard Powder meets the food-grade quality of activated carbons as defined in the current edition of the Food Chemicals Codex and is certified to NSF/ANSI Standards 61 and 42.

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**Specifications\***

Iodine Number (mg/g)	1200 min
Chloramine Activity (mg/g)	22 min
Moisture, As Packed (%)	10 max
pH	5 - 9
Water Solubles (%)	0.5 max
Sieve Analysis:	
% Thru 325 mesh (45 $\mu$ )	80 min

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**Typical Properties \* $\perp$**

Apparent Density, g/cc	0.25 - 0.37
Apparent Density, lb/ft <sup>3</sup>	15 - 22
Surface Area (Nitrogen BET Method) m <sup>2</sup> /g	1800 - 2200
Pore Volume to 1000 Å, (cc/g)	1.3 - 1.5

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**Packaging**

750-pound Bulk Bags

90-pound Drum

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\*Specifications and typical property data as produced using MeadWestvaco procedures.

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\* $\perp$ Typical properties are for general information and are not to be construed as purchase specifications.

CAS Registry Number: 7440-44-0

The information contained herein is believed to be accurate, but no warranty is given nor is freedom from any patent to be inferred.

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**MWV**

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**Samples:** Samples are available from MeadWestvaco's Carbon Department. To request a sample, call, write or e-mail us.

**Safety:** Always refer to the Material Safety Data Sheet for detailed information on safety. Contact us for MSDS information.

**Caution:** Never enter tanks or other confined areas containing wet, activated carbon. Wet, activated carbon will adsorb oxygen and asphyxiation may result.



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