

**PRODUCT DATA BULLETIN**

**Description and Typical Applications**

Aqua Nuchar is a premium activated carbon for treatment of potable water. The new, improved Aqua Nuchar incorporates the taste and odor removal ability of our former Aqua Nuchar combined with improved TOC removal capabilities. Aqua Nuchar is the most cost-effective product for the production of quality water. Aqua Nuchar is designed specifically to treat surface water applications where there are typically a wide range of organics of various molecular weights. The particle size and density have been optimized to provide excellent water contact and suspendability, while minimizing any carry-over to the filters. Aqua Nuchar meets ANSI/AWWA B 600-05, and is Certified to NSF/ANSI Standard 61. Aqua Nuchar meets the food grade quality standards for activated carbon as defined in the most recent edition of Food Chemicals Codex.

**Specifications\***

Iodine Number (mg/g)	900 min
Moisture, (%)	8 max
Mesh Size	
% thru 100 mesh (150 $\mu$ )	99 min
% thru 200 mesh (75 $\mu$ )	95 min
% thru 325 mesh (45 $\mu$ )	90 min

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

Apparent Density, (g/cc)	0.21 - 0.37
Surface Area, (m <sup>2</sup> /g)	1200-1600
Ash, (%)	< 10
Tannin Value, (mg/l)	175 -250

**Packaging**

Bulk Trucks - Approximately 30,000 pounds	(13,608 kilograms)
Bulk Rail Cars - 80,000 - 100,000 pounds	(36,288 - 45,360 kilograms)
45-pound Bags (On nonreturnable wood pallet)	(20.4 kilograms)
Bulk Bags - 750 pounds	(340 kilograms)

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

(Rev 10/06)

\*\*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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**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.

