

PRODUCT DATA BULLETIN

Description and Typical Applications

Aqua Nuchar is a premium activated carbon for treatment of potable water. Aqua Nuchar has excellent taste/odor and TOC removal capabilities. Aqua Nuchar has superior MIB and Geosmin reduction performance in a wide range of raw waters. 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 including atrazine and other herbicides. 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 (150μ)	99 min
% thru 200 mesh (75μ)	95 min
% thru 325 mesh (45μ)	90 min

Typical Properties **

Apparent Density, (g/cc)	0.21 - 0.37
Apparent Density, (lbs/cu ft)	13 - 23
Surface Area, (m ² /g)	1400-1800
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 MWV procedures. (Rev 04/09)

**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.

MWV

Specialty Chemicals
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Samples: Samples are available from MWV Specialty Chemicals. 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.

Toll Free: 800-284-1724
Email: carbon@mwv.com

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

World Wide Web:
<http://www.mwvnucharcarbon.com>

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