

## EcoSorb® MRX

### granular coal based activated carbon

#### Features and Benefits

- High activity and density
- Optimized pore structure
- Exceptional hardness and strength
- Rigorously dedusted
- Maximum contaminant loading
- Minimal product degradation giving low pressure drop
- Clean handling during filter/adsorber loading and commissioning

#### Typical Applications

- Mericat II™
- Merox™ Process

#### Available Particle Sizes

- 10x30 mesh (0.60 - 2.00 mm)

EcoSorb® MRX is a high activity granular activated carbon manufactured from steam activation from select grades of bituminous coal. This activated carbon is specially manufactured for use in Mericat™ and Merox™ catalyst applications. One of the significant advantages of EcoSorb® MRX is its higher apparent density that offers benefits during start-up and commissioning of systems with minimal dust, fines and buoyant carbon.



#### Specification

Iodine number	min. 950
Moisture content	max. 2%
Total ash content	max. 15%
Ball-pan hardness	min. 98%

#### Typical Properties

Apparent density	510 kg/m <sup>3</sup>
CTC activity	55%

#### Standard Packaging

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



The polyethylene valve bag from Jacobi sets the standard in the industry for clean, durable and safe handling.

Jacobi Carbons reserves the right to modify specifications without prior notice. To obtain a full sales specification with test methods, please contact your nearest Jacobi Carbons office.

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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

**CAUTION** Activated carbon is a strong oxidizing agent and can remove oxygen from air under wet or humid conditions. Care should be taken when entering confined spaces where wet activated carbon is present. Ensure the use of correct breathing apparatus. Material Safety Data Sheets should be consulted for further details on procedures in the event of contact with activated carbon.

**NOTICE** Due to the progressive nature of Jacobi Carbons Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and selection of products supplied by Jacobi Carbons. The customer is responsible for determining whether products and the information contained in this document are appropriate for customer's use. Jacobi Carbons assumes no obligation or liability for the usage of the information in this datasheet, no guarantees or warranties, expressed or implied, are provided. Jacobi Carbons disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.

ISO 9001

BUREAU VERITAS  
Certification

