



## Merox No. 8™ Catalyst

### Refining Catalyst

#### Description

Merox No. 8 catalyst is a preimpregnated, highly active and selective mercaptan oxidation catalyst used in sweetening versions of the Merox™ process.

#### Applications

Merox No. 8 catalyst is used for sweetening straight-run and cracked naphthas, NGL, kerosene, jet fuel, and diesel fractions. It is a preimpregnated catalyst which eliminates the need for in-situ impregnation of activated charcoal base with Merox FB™ liquid reagent. Mercox No. 8 catalyst shortens start-up or turnaround schedules. Use of Mercox No. 8 catalyst still leaves open the option of future in-situ reimpregnation with Mercox FB liquid reagent. The performance of Mercox No. 8 catalyst equals that of Mercox FB reagent in-situ impregnated catalyst.

#### Features and benefits

Mercox No. 8 catalyst provides:

- Faster unit start-up, shorter turnaround time
- No dusting during loading
- Ready to use
- High catalyst activity
- No side reactions
- Long catalyst life

#### Experience

Mercox No. 8 catalyst is widely used in fixed-bed sweetening Mercox applications.

#### Physical properties

Appearance	Black granules
Apparent bulk density*, lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	33 to 39 529 to 625
Size, US standard mesh	10 to 30

\* Density of the activated carbon varies

#### Packaging

- 40 cubic foot net (1.13 cubic meters) polypropylene supersacks
- 55 U.S. gallon (210 liter) steel drums containing 7.06 cubic feet net (200 liters)

#### For more information

For more information, contact your local UOP representative or our Des Plaines sales office:

e-mail: [info@uop.com](mailto:info@uop.com)

fax: +1-847-391-2253

phone: +1-847-391-2000

#### UOP LLC

25 East Algonquin Road  
Des Plaines, IL 60017-5017  
U.S.A.

[www.uop.com](http://www.uop.com)