

UOP MEROX NO. 8™ CATALYST

Pre-impregnated Fixed-Bed Sweetening Catalyst

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

APPLICATION

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

TYPICAL PHYSICAL PROPERTIES

| | |
|--|-------------|
| Form | Granules |
| Color | Black |
| Apparent bulk density*, kg/m ³ (lb/ft ³) | 590 36.8 |
| Size, US standard mesh | 10 to 30 |

* Density of the activated carbon varies.

PACKAGING

- 40 cubic foot net (1.13 cubic meters) polypropylene supersacks containing 615 kg/sack
- 55 U.S. gallon (210 liter) steel drums are available upon request

EXPERIENCE

Merox No. 8 catalyst is used extensively in fixed-bed sweetening Merox units around the world.



Reduce downtime and start-up sooner with the ready-to-use Merox No. 8 catalyst for fixed-bed sweetening applications.

FEATURES AND BENEFITS

Merox 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

For more information

www.uop.com

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