

## DuPont™ Oxone® Monopersulfate Compound—

Powerful non-chlorine oxidation useful in a broad range of applications.

DuPont™ Oxone® monopersulfate compound is a white, granular, free-flowing solid peroxygen that provides powerful non-chlorine oxidation in a stable, easy-to-handle product form.

The active ingredient of Oxone® is potassium peroxymonosulfate,  $\text{KHSO}_5$  (CAS 10058-23-8), commonly known as potassium monopersulfate, which is present as a component of a triple salt with the formula  $2\text{KHSO}_5 \cdot \text{KHSO}_4 \cdot \text{K}_2\text{SO}_4$  (potassium hydrogen peroxymonosulfate sulfate (5:3:2:2), [CAS 70693-62-8]).

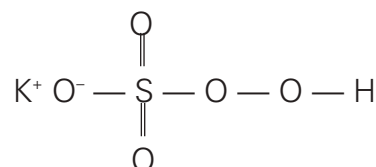
The oxidizing power of Oxone® is derived from its peracid chemistry; it is the first neutralization salt of peroxymonosulfuric acid,  $\text{H}_2\text{SO}_5$  (also known as Caro's acid).

DuPont has been the leading supplier of Potassium Monopersulfate Compound to customers and distributors worldwide for 50 years.

Its unique combination of properties makes DuPont™ Oxone® Monopersulfate Compound the right choice for a wide variety of end uses including:

- Pool and Spa Shock Oxidizer
- Denture Cleanser Bleach Additive
- Microetchant for Printed Wiring Board Processes
- Wet-Strength-Resin Repulping Aid
- **Odor Control in Wastewater and Scrubber Treatment**
- Hydrometallurgy
- Metal Finishing
- Refinery Equipment Cleaning
- Wool Shrinkproofing Aid
- Laundry Bleach
- Selective Oxidizer in Chemical Synthesis
- Felt Cleaner on Paper Machines

$2\text{KHSO}_5 \cdot \text{KHSO}_4 \cdot \text{K}_2\text{SO}_4$   
Monopersulfate (MPS) = Peroxymonosulfate



(O = active oxygen)

### Why customers choose DuPont™ Oxone®

- Effective non-chlorine oxidation
- Stable solid, easy to handle
- Excellent water solubility
- Oxidation byproducts are generally regarded as safe (GRAS)
- Dedicated technical staff

# DuPont: Your Best Source for Strong Oxidation

## Our Product:

- A strong oxidant with high oxidation potential comparable to chlorine, bromine, chlorine dioxide and potassium permanganate
- More selective for higher use efficiency
- Effective from acidic to basic pH
- Environmentally benign reaction end products — no chlorinated byproduct or heavy metals
- Can be activated with catalysts
- Excellent oxidizer in a broad range of industrial and consumer applications

## Our People

- Knowledgeable and committed laboratory and plant staff to address your technical needs
- Dedicated sales force available to support you

## Our Plant

- World's largest purpose-built facility with ISO 9001-2000 certification to ensure that we will meet your global supply needs
- Continuous operation ensures consistency and quality of product

**For further information, please visit our website at [www.oxone.dupont.com](http://www.oxone.dupont.com)**

**To speak with a Customer Service Representative, call  
1-888-243-4608 North America, 302-892-7536 International**

**For medical emergencies call 1-800-441-3637 within the United States.  
For those outside of the United States, call ~~302-774-1100~~**

**~~For transportation emergencies call 1-800-424-0000 within the United States.  
For those outside of the United States, call 703-527-9997~~**



**The miracles of science™**

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