

# **Cerium Oxide**

## **Safety Data Sheet**

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### **1. Product Identification**

Product Name: Cerium Oxide  
Use: Glass Polishing  
Name: ABC Window Cleaning Supply  
Address: 10311 W Hampden Ave., Unit A-111 Lakewood, CO 80227-5179  
Telephone: 1-800-989-4003  
Emergency: 1-800-535-5053

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### **2. Composition / Information on ingredients**

Chemical Nature  
Preparation based on cerium oxide

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### **3. Hazards Identification**

MOST IMPORTANT HAZARDS  
Adverse human health effects: Slightly irritating to eyes  
Physical & Chemical Hazards: No particular fire or explosion hazard  
Classification / specific hazards: not classified as "hazardous preparation"

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### **4. First – Aid Measures**

Inhalation: Move the affected person into fresh air  
Skin contact: Rinse toughly with water  
Eye contact: Rinse immediately with a large amount of water  
Ingestion: Rinse mouth out with water. Consult a doctor if necessary

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### **5. Fire Fighting Measures**

All extinguishing agents can be used. Wear respiratory protection with a particle filter. Inert material with no stated flash point. May explode under specific conditions.

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### **6. Accidental Release Measures**

Avoid contact with eyes. Wear respiratory protection with a particle filter, safety glasses and appropriate gloves.  
Collect and place in a suitable container suitably labeled. Transfer liquid used for collection into a settling tank. To decontaminate, wash the floor with plenty of water.  
Dispose at authorized site.

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### **7. Handling and Storage**

Does not require any specific or partial technical measures.

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### **8. Exposure Controls / Personal Protection**

Ensure good ventilation

Exposure limits: TLV 10 mg/m<sup>3</sup>, monitored at regular intervals

Protective Equipment:

Respiratory protective device with particle filter, rubber gloves, safety eyewear, protective clothing, safety shower and eye fountain. Always shower after work.

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## **9. Physical and Chemical Properties**

Physical State: Solid

Form: Fine Powder

Average Part. Size: 1.5 – 2.5 microns

Color: creamy white

Apparent specific gravity: 1.3 – 1.7 kg/dm<sup>3</sup>

Odorless, pH neutral, no flash point, no explosive limits in air, non-oxidizing, practically insoluble in water or organic solvents.

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## **10. Stability and Reactivity**

Stability: Stable under ambient temperature and under normal conditions of use.

Haz reactions: None known

Materials to avoid: None known

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## **11. Toxicology**

Not classified as harmful if swallowed

Slightly irritating to eyes

Not sensitizing

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The information on this sheet is based on the information given to us at the time of publication and is given in good faith. This information is not exhaustive. Proper usage, storage and familiarization with all local, regional and national regulations are the responsibility of the user.