

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 Product Identification

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**CHEMICAL NAME:** CERIUM CHLORIDE, HYDRATE  
**CAS REGISTRY NUMBER:** 19423-76-8  
**FORMULA:** CeCl<sub>3</sub>.xH<sub>2</sub>O

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## SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	19423-76-8	100	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** Causes severe irritation to eyes. Irritating to skin, mucous membranes.  
**PRIMARY ROUTES OF EXPOSURE:** Inhalation  
**EYE CONTACT:** Causes severe irritation to eyes.  
**SKIN CONTACT:** Causes irritation of the skin.  
**INHALATION:** Inhalation of dust can lead to irritation of the respiratory tract.  
**INGESTION:** No Data  
**CHRONIC HEALTH EFFECTS:** None Known

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## SECTION 4 First Aid Measures

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**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water (lukewarm if possible) for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. If redness or irritation persists, get medical attention.  
**SKIN EXPOSURE:** Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation or redness persists.  
**INHALATION:** Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.  
**INGESTION:** Do not induce vomiting. Seek medical assistance immediately.