

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 Product Identification

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**CHEMICAL NAME:** IRIIDIUM (III) CHLORIDE, HYDRATE  
**CAS REGISTRY NUMBER:** 13569-57-8  
**FORMULA:** IrCl<sub>3</sub>.3H<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	13569-57-8	100	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** Causes irritation to skin, eyes and respiratory system. Harmful if swallowed.  
**PRIMARY ROUTES OF EXPOSURE:** Ingestion, inhalation, skin, eyes.  
**EYE CONTACT:** Causes severe eye irritation.  
**SKIN CONTACT:** Causes mild skin irritation.  
**INHALATION:** Causes irritation to mucous membranes and respiratory tract.  
**INGESTION:** Harmful if swallowed. May cause irritation of the digestive tract.  
**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) . Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate medical attention.  
**SKIN EXPOSURE:** Wash affected area with soap and 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.