

MATERIAL SAFETY DATA SHEET

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SECTION 1 Product Identification

CHEMICAL NAME: VANADIUM (II) CHLORIDE
PRODUCT NUMBER: 3760
CAS REGISTRY NUMBER: 10580-52-6
FORMULA: VCl₂

SECTION 2 Composition and Information on Ingredients

| INGREDIENT: | CAS# | % | ACGIH (TWA) | OSHA (PEL) |
|--------------------|-------------|----------|------------------------|------------------------|
| Title Compound | 10580-52-6 | 100 | 0.05 mg/m ³ | 0.05 mg/m ³ |

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: CORROSIVE Causes Burns Harmful by Inhalation, in contact with skin and eyes, and if swallowed.

PRIMARY ROUTES OF EXPOSURE: Inhalation, Ingestion, Skin and eye contact.

EYE CONTACT: Strong corrosive and irritating effect. Causes burns.

SKIN CONTACT: Corrosive effect on skin. Causes burns.

INHALATION: Corrosive and destructive to mucous membranes and respiratory tract.

INGESTION: Corrosive effect, burns, perforation.

SUBACUTE TO CHRONIC TOXICITY: Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for several minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate medical attention.

SKIN EXPOSURE: Wash affected area with copious amounts of water for several minutes. Remove contaminated clothes if necessary. Seek medical assistance immediately.

INHALATION: Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. If not breathing administer CPR. Seek immediate medical assistance.

INGESTION: Do not induce vomiting. Seek medical assistance immediately.