

PRMI

MATERIAL SAFETY DATA SHEET

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SECTION 1 Product Identification

CHEMICAL NAME: VANADIUM (V) ISOPROPOXIDE

PRODUCT NUMBER: 3777

CAS REGISTRY NUMBER: 5588-84-1

FORMULA: VO (OC₃H₇)₃

EINECS NO: 226-997-4

SYNONYM: Vanadium (V) tri-i-propoxy oxide, Vanadyl Isopropylate, Tri-iso-propylvanadate, Isopropylorthovanadate

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	5588-84-1	100	No data	No Data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: FLAMMABLE LIQUID MOISTURE SENSITIVE IRRITANT

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

EYE CONTACT: Causes mild to severe irritation to the eyes.

SKIN CONTACT: Causes irritation of the skin. Prolonged may result in redness, dermatitis.

INHALATION: Irritation to the nose, mucous membranes, respiratory tract. Can cause dizziness, headaches, nausea, impaired co-ordination.

INGESTION: Irritation to mouth, throat, stomach. Ingestion may cause gastrointestinal distress, nausea, vomiting and headache.

ACUTE EFFECTS: Irritating. Ingestion, inhalation can cause dizziness, nausea, vomiting.

CHRONIC EFFECTS: No Data Found

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for 10-15 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 soap and copious amounts of water; rinse thoroughly. Remove contaminated clothes if necessary. Seek medical assistance if redness, irritation 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 give oxygen if available. Seek immediate medical assistance. If not breathing, administer CPR.

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