

## 1. Identification and Company Information

**Product name**

#0997 VapourClean W

**Use of the substance**

Cleaner/Degreaser

**Company identification****Supplier**

Sci-Tech Engineered Chemicals

**Contact information****Street address**

#340-53016 Hwy 60

**City**

Acheson

**Province**

Alberta

**Postal Code**

T7X 5A7

**Telephone**

780-960-1200

**Fax**

780-960-1201

**Web**

www.scitechinc.ca

**Emergency Telephone**

CANUTEC

(613) 996-6666

## 2. Hazard Identification

HAZARD OVERVIEW: Colourless liquid. Butyl odour. Flammable.

**HEALTH HAZARD:**

EYES: May cause mild to Moderate eye irritation

SKIN: May cause mild to moderate skin irritation.

INHALATION: Irritating to the mucous membranes and respiratory system.

INGESTION: May cause gastric irritation, diarrhea, vomiting, central nervous system effects, blindness and death.

CARCINOGENICITY: Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP or ACGIH

TERRATOGENICITY, MUTAGENICITY: The product was found not to be mutagenic when tested by the Ames Assay

## 3. Composition, Information of Ingredients

**Hazardous Components**

<b>Chemical name</b>	<b>CAS #</b>	<b>Concentration</b>	<b>LD(50) of Ingredient</b>
<b>Alcohol Ethoxylate</b>	68991-48-0	7-15 %	Rat : >2000 mg/kg (oral)
<b>Glycol Ether EB</b>	111-76-2	4-7 %	Rat : 470-3000 mg/kg (oral)
<b>Glycol Ether DPM</b>	34590-94-8	4-7%	Rat : 5220 mg/kg (oral)
<b>Methanol</b>	290-87-9	30%	Rat : 1090-3320 mg/kg (oral)
<b>Potassium Hydroxide</b>	1310-58-3	7-10%	Rat : 273 mg/kg (oral)

## 4. First Aid Measures

**Inhalation:** Remove person to fresh air. Get medical attention.

**Skin Contact:** While removing clothing, wash with large volumes of soap and water for at least 15 minutes. If irritation develops, get medical attention.

**Eye Contact:** Flush with large volumes of water for at least 15 minutes. Get medical attention.

**Ingestion:** DO NOT INDUCE VOMITING. If conscious, give 1-2 glasses of water and get immediate medical care. Methanol is highly toxic by ingestion.

## 5. Fire Fighting Measures

**Flammability:** Flammable

**Flash Point:** 35C

**Autoignition temperature:** 465C

**Sensitivity to static discharge:** Not available

**Sensitivity to mechanical impact:** Not available

**Extinguishing Media:** Use alcohol resistant foam, Co2 or dry chemical. Keep containers cool with water spray.

**Special fire fighting procedures:** Wear SCBA and protective clothing to prevent skin and eye contact in fire situations.

**Hazardous decomposition products:** Thermal decomposition may yield oxides of carbon monoxide and carbon dioxide.

## 6. Accidental Release Measures

**Leak and spill procedure:** Eliminate sources of ignition. Contain spill. Do not let spill go to sewer. Salvage contained material if possible and wash traces with water. Areas where spills occurred can be extremely slippery.

## 7. Handling and Storage

Use appropriate personal protection equipment. Avoid eye, skin and clothing contact. Do not breathe mist. Avoid repeated or prolonged contact. Use only in a well ventilated area. Store away from any product involved in food processing. If the generation of airborne materials cannot be avoided, exhaust ventilation and/or personal protective equipment as described in Section 8 should be used. Keep away from sources of ignition.

Store in a dry, well-ventilated area away from incompatible materials. Protect containers from damage.

## 8. Exposure Controls, Personal Protection

**Engineering controls:** Avoid the generation of airborne mists where possible. Use local ventilation to keep levels below established threshold values.

**Respiratory protection:** Wear respiratory protection if misting in an enclosed area.

**Eye protection:** Use chemical goggles or full face shield.

**Skin protection:** Use impervious (rubber, nitrile) gloves skin contact.

**Other protective clothing or equipment:** Eye wash, safety shower.

**Work hygienic practices:** The usual precaution for the handling of chemicals must be observed.

## 9. Physical and Chemical Properties

**Appearance:** Colourless Liquid

**Specific gravity (Water = 1)** 0.98 +/- 0.2

**Reactivity in water:** Not reactive

**Boiling point:** Not available

**Odour:** Butyl

**pH:** 11-12

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions.

**Incompatible materials:** Soft metals, strong oxidizers and acids

**Hazardous decomposition products:** Thermal decomposition may yield oxides of phosphorous, carbon monoxide, and carbon dioxide.

**Hazardous polymerization:** Will not occur.

## 11. Toxicological Information

**Carcinogenicity:** Non-hazardous by WHMIS/OSHA<sup>2</sup> criteria. Not listed by IARC, NTP or ACGIH

**Teratogenicity, mutagenicity, reproductive effects:** This product was found not to be mutagenic when tested by the Ames Assay (OECD Guidelines for Testing of Chemicals, Sec. 471)

## 12. ECOLOGICAL INFORMATION

**Environmental fate:** Not available.

## 13. Disposal Considerations

Product should be disposed of in accordance to provincial or state and local government requirements prior to disposal. If the product was supplied in a single use container, care should be taken to dispose of the container in a responsible manner in accordance to local regulations.

## 14. Transportation Information

**Canadian TDG:** Flammable liquids, toxic n.o.s. (Methanol), UN 1992, Class 3(6.1) PG II

## 15. Regulatory Information

**Canadian WHMIS:** D.2.b, B, E

### US Federal Regulations

The components of this product are either on the TSCA Inventory or exempt from the inventory

## 16. Other Information

**PREPARED BY:**  
SCI-TECH Department of Research and Development

**PHONE NUMBER:**  
(780) 960-1200

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