

## 1. Identification and Company Information

**Product name**

Sci-Solve HD

**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. Mild aromatic solvent odour. Combustible.

**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, and vomiting

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	3-7%	Rat : >2000 mg/kg (oral)
<b>Glycol ether DPM</b>	34590-94-8	5-10%	
<b>Odourless mineral spirits</b>	34590-94-8	20-40%	
<b>Synthetic aromatic hydrocarbon</b>	n.av.	20-40%	

## 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 if irritation persists.

**Ingestion:** DO NOT INDUCE VOMITING. If conscious, give 1-2 glasses of water and get immediate medical care.

## 5. Fire Fighting Measures

**Flammability:** Combustible

**Flash Point:** n.av.

**Autoignition temperature:** n.av

**Flame propagation or burning rate of solid materials:** Not applicable

**Sensitivity to static discharge:** n.av

**Sensitivity to mechanical impact:** n.av

**Extinguishing Media:** Use dry chemicals, carbon dioxide, alcohol foam, or 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:** 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.

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

## 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)** 0.90 +/- 0.2

**Reactivity in water:** Not reactive

**Boiling point:** Not available

**Odour:** Butyl

**pH:** 6-7

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions.

**Incompatible materials:** Strong oxidizers and acids

**Hazardous decomposition products:** Thermal decomposition may yield 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:** Not TDG Regulated

## 15. Regulatory Information

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

### 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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