

1. Identification and Company Information

Product name

#0371 VAC CLEAN

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.

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

Chemical name	CAS #	Concentration	LD(50) of Ingredient
Alcohol Ethoxylate	68991-48-0	0.5-1.0 %	Rat : >2000 mg/kg (oral)
Glycol Ether EB	111-76-2	5-10 %	Rat : 470-3000 mg/kg (oral)
Glycol Ether DPM	34590-94-8	4-7%	Rat : 5220 mg/kg (oral)
ETDA Solution	64-02-8	1-5%	Rat : >2000 mg/kg (oral)
Monoethanolamin	141-43-5	1-5%	Rat : 1090-3320 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 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: Not flammable

Flash Point: Not applicable

Autoignition temperature: Not applicable

Flame propagation or burning rate of solid materials: Not applicable

Sensitivity to static discharge: Not applicable

Sensitivity to mechanical impact: Not applicable

Extinguishing Media: Use media appropriate for surrounding fire..

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.

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) 1.00 +/- 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: 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/OSHA₂ 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

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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