



Material Safety Data Sheet

Rev. 0.0/02-07 MSDS 32726

PRODUCT: VACUUM CUP CLEANER

MSDS Date: 12/29/06
Product Name: Vacuum Cup Cleaner
Manufacturer: Wood's Powr-Grip Co., Inc.

1. PRODUCT AND COMPANY DESCRIPTION

Wood's Powr-Grip Co., Inc.
908 W. Main Street
Laurel, MT 59044

For Product Emergency/Information:
406-628-8231

Product Use:
Vacuum Cup Cleaner

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance/Odor: Colored liquid with mild glycol odor.

Potential Health Effects:

Acute Eye:

Contact with eyes may cause eye irritation with redness and pain.

Acute Skin:

May cause allergic skin reaction and irritation.

Acute Inhalation:

Not expected under normal conditions of use.

Acute ingestion:

Not expected under normal conditions of use.
May cause gastrointestinal irritation if swallowed.

Chronic Exposure:

Not Determined

Aggravation of Pre-existing Conditions:

Not Determined

3. CHEMICAL COMPOSITION

Component	CAS#	% Composition
Diethylene Glycol	111-46-6	20-50
Butyldiglycol	112-34-5	5-15

First Aid Measures for Accidental:

Eye Exposure:

Immediately flush eyes with copious amounts of water continuously for a minimum of 15 minutes. Seek immediate medical attention if adverse effect occurs.

Skin Exposure:

In case of contact, wash skin thoroughly with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek immediate medical attention if adverse effect occurs.

Inhalation:

Remove person to fresh air. If necessary, use artificial respiration to support vital functions.

Ingestion:

DO NOT attempt to induce vomiting. Have the individual rinse mouth with water thoroughly. NEVER give anything to an unconscious person. Call a physician or your local Poison Control Center.

5. FIRE FIGHTING MEASURES

Fire Hazard Data:

Autoignition: ND
Flash Point: 350°F
Flammability Limits (vol/vol%): Lower: Upper:
N/A N/A

Extinguishing Media:

Water fog, Carbon Dioxide, Foam or Dry Chemical

Special Fire Fighting Procedures:

Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products.

Unusual Fire and Explosion Hazards:

Container may burn and leak in heat of fire.

6. ACCIDENTAL RELEASE MEASURES

Cleanup and Disposal of Spill:

Small spills may be collected with absorbent material for disposal. Wash area with soap and water. For large spills, contain using dikes or berms. Prevent spill from entering public sewer, water system or surface waters. Place in suitable container for disposal.

7. HANDLING AND STORAGE

Handling/Storage:

Store in a cool, dry well ventilated area. Keep container closed when not in use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Component	ACGIH	NIOSH	OSHA-PELS
Diethylene Glycol	ND	ND	ND
Butyldiglycol	ND	ND	ND

Engineering Controls:

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS.

Respiratory Protection:

Not required under anticipated use conditions. If mists are created, then a NIOSH approved respirator with a dust and mist cartridge is recommended.



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Eye/Face Protection:
Chemical splash goggles. Eyewash station should be available in work area.

Skin Protection:
Wear chemical resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance: Colored Liquid
Odor: Mild Glycol
pH: ND
Specific Gravity/Density: ND
Water Solubility: 40%
Melting Point: ND
Freezing Point: ND
Boiling Point: 450-475°F
Vapor Pressure: ND
Percent Volatiles by Volume: N/A
Evaporation Rate: Slower than butyl acetate
Viscosity: ND
Flash Point: 350°F
Explosion Limits: Lower: N/A
Upper: N/A
Autoignition Temp: ND

10. STABILITY AND REACTIVITY

Chemical Stability:
Stable
Conditions to Avoid:
None
Materials/Chemicals to Be Avoided:
None
Hazardous Decomposition Products:
None
Hazardous Polymerization:
Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Effects
Diethylene Glycol: Oral rat LD50: 12565 mg/kg. Skin rabbit LD50: 11.89 g/kg Irritation: eye rabbit, standard Draize: 50 mg mild. Investigated as a tumorigen and reproductive effector.

Chronic Effects
Carcinogenicity: No data
Mutagenicity: No data
Reproductive Effects: No Data
Developmental Effects: No Data

12. ECOLOGICAL INFORMATION

Environmental Fate:
Not Determined

Environmental Toxicity:
Not Determined

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:
Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORTATION INFORMATION

US Department of Transportation Shipping Name:

US Department of Transportation	Proper Shipping Name	Not Regulated
	Hazard Class	Not Regulated
	ID Number	Not Regulated
	Packing Group	Not Regulated

15. REGULATORY INFORMATION

Federal Regulations:

SARA Title III Hazard Classes:
Fire Hazard: No
Reactive Hazard: No
Release of Pressure: No
Acute Health Hazard: Yes
Chronic Health Hazard: Yes

TSCA
All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements

U.S. State Regulations:

California Prop 65 List: None

16. OTHER INFORMATION

National Fire Protection Association Hazard Ratings – NFPA(R):

Health Hazard: 1
Flammability: 0
Reactivity: 0

Key Legend Information:

N/A – Not Applicable
ND – Not Determined
ACGIH – American Conference of Governmental Industrial Hygienists
OSHA – Occupational Safety and Health Administration
TLV – Threshold Limit Value
IDLH – Immediately Dangerous to Life and Health
PEL – Permissible Exposure Limit
TWA – Time Weighted Average
STEL – Short Term Exposure Limit
NTP – National Toxicology Program
IARC – International Agency for Research on Cancer

The information contained herein is based on the data available to us and is believed to be correct. However, Wood's Powr-Grip Co., Inc. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof.