

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:**

DK817 Cleaner/Lubricant aerosol

**Other Means of Identification:**

Dipropylene glycol monomethyl ether aerosol

**Recommended Use:**

For industrial use only, for cleaning and lubricating polyurethane dispensing equipment.

**Company Information:**

Foam Supplies, Inc.  
13389 Lakefront Drive  
Earth City, MO 63045  
+1.314.344.3330  
www.foamsupplies.com

#### EMERGENCY RESPONSE

##### HEALTH & SAFETY

First Aid • Treatment  
Call ProPharma Group Co. FSI  
Dedicated #: 800.391.2138

##### CHEMICAL SPILLS

CALL CHEMTREC  
United States: 800.424.9300  
International: +1.703.527.3887  
www.chemtrec.com  
Reference: CCN 8678

### 2. HAZARD IDENTIFICATION

**Hazard Classification:**

Flammable Aerosol Category 1  
Gas Under Pressure  
Eye Irritant Category 2B

**Label Elements:**

Signal Word: DANGER!

Hazard pictograms:



**Hazard Statements:**

Extremely flammable aerosol.  
Causes eye irritation.  
Contains gas under pressure; may explode if heated.  
May cause respiratory irritation.

**Precautionary Statements:**

Keep away from hot surfaces. No smoking.  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.  
Wash hands thoroughly after handling.  
IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical attention.  
Avoid breathing fumes, mist, vapor and spray.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.  
Store in a well-ventilated place.

**Other Hazards:** None known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component	CAS #	% by Weight
Dipropylene glycol monomethyl ether	34590-94-8	80%
Propellant containing		20%
Propane	74-98-6	
Butane	106-97-8	

### 4. FIRST-AID MEASURES

**Emergency and First Aid Procedures:**

**Eyes:** Flush eyes with plenty of water for several minutes. Seek medical attention if eye irritation persists.

**Skin:** Wash skin with plenty of water. Wash clothing before reuse.

**Inhalation:** If affected by vapors remove person to fresh air. If breathing is difficult give oxygen. If not breathing seek medical attention immediately.

**Ingestion:** Seek medical attention. Do NOT induce vomiting unless directed to do so by medical professionals.

**Note to Physician:** No specific treatment. Treat supportively and symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Use carbon dioxide, dry chemical, alcohol resistant foams, or water fog to extinguish.

**Unsuitable Extinguishing Media:** Direct water stream is not recommended as it may spread fire.

**Specific Hazards:** Hazardous combustion products may include, but are not limited to: carbon monoxide, carbon dioxide, and other unidentified toxic or irritating compounds.

**Protective Equipment / Precautions for Fire-fighters:** As in any fire situation, fire-fighters should wear full protective gear including: helmet, gloves, boots, coat, and self-contained breathing apparatus (SCBA) with full face piece in positive pressure mode.

**Notes on Explosion Hazards:** This product is a pressurized aerosol. Heated containers are likely to burst. Not expected to be sensitive to mechanical impact.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions/Protective Equipment:** Isolate spill area. Remove ignition sources. Cleanup should only be performed by properly trained and equipped personnel. Spilled material may cause slip hazard.

**Emergency Procedures:** Do not allow material to enter drains, sewers, or other water sources.

**Containment and Cleanup:** Contain and soak up spilled material with an inert absorbent material such as earth, sand, or vermiculite. Shovel absorbed material into properly designated and labeled containers for future disposal. Wash spill area with water. Collect wash water for proper disposal in accordance with environmental regulations.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Do not cut, drill, or puncture this container. Use proper industrial hygiene practices. Do not eat, drink, or smoke while using this product. Wash hands thoroughly.

**Conditions for Safe Storage:** Keep in original containers. Do not store above 120°F.

**Incompatibilities:** Avoid oxidizers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**PEL/TLV:** Dipropylene glycol methyl ether –

ACGIH TLV = 100 ppm

OSHA PEL = 100 ppm

STEL = 150 ppm

**Engineering Controls:** Local exhaust ventilation may be necessary.

**Protective Equipment:** Chemical safety goggles are recommended because vapors may irritate eyes. Wear protective gloves and clothing to prevent skin contact. When airborne exposure guidelines or comfort levels are exceeded use a NIOSH approved air-purifying respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, aerosolized liquid
<b>Odor:</b>	Slight ethereal odor No
<b>Odor Threshold:</b>	Data
<b>pH:</b>	No Data
<b>Melting Point:</b>	No Data
<b>Freezing Point:</b>	No Data
<b>Boiling Point:</b>	N/A
<b>Flash Point:</b>	69°C (156°F) for Propellant
<b>Evaporation Rate:</b>	No Data
<b>LFL/UFL:</b>	1.8%-9.5% for Propellant
<b>Vapor Pressure:</b>	60 psig @ 25°C (77°F)
<b>Vapor Density:</b>	<1
<b>Relative Density:</b>	0.951 @ 25°C (77°F)
<b>Solubility:</b>	Soluble in water
<b>Partition Coefficient:</b>	Estimated log Pow = - 0.064
<b>Auto-Ignition Temp.:</b>	No Data
<b>Viscosity:</b>	No Data

## 10. STABILITY AND REACTIVITY

**Reactivity/Chemical Stability:** Stable under normal conditions of use and storage.

**Hazardous Reactions:** Polymerization will not occur.

**Conditions to Avoid:** Avoid elevated temperatures and static discharge.

**Incompatible Materials:** Avoid contact with oxidizers.

**Hazardous Decomposition Products:** Does not normally decompose.

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Skin and eye contact. Inhalation of vapor or mist.

**Toxicity Data:** LD50 Oral (Estimated) – >3000 mg/kg

LD50 Dermal (Estimated) – >3000 mg/kg

**Effects and Symptoms:**

**Immediate:** Material contact and vapors may irritate eyes. Excessive vapor inhalation may irritate the upper respiratory tract.

**Delayed:** Excessive vapor exposure may result in narcotic effects such as drowsiness or dizziness.

**Chronic:** No chronic effects are expected. Minor kidney and liver effects were observed in animal tests.

**Sensitization:** Not expected to be a sensitizer.

**Carcinogenicity:** This product does not contain any materials listed by NTP, IARC, or OSHA.

**Reproductive Toxicity:** No Data

**Teratogenicity:** Birth defects are unlikely.

**Mutagenicity:** In vitro studies were negative.

## 12. ECOLOGICAL INFORMATION

(All Data for Dipropylene Glycol Monomethyl Ether)

**Ecotoxicity:**

Acute LC50 – Emerald Shiner (Notropis Atherinoides) = >150 mg/L

Acute LC50 – Fathead Minnow (Pimephales Promales) = >10,000 mg/l

Acute LD50 – Water Flea (Daphnia Magna) = 1919 mg/L

Acute LC50 – Brown Shrimp (Crangon Crangon) = >1000 mg/L

21 Day NOEC – Water Flea (Daphnia Magna) = >0.5 mg/l

Growth Inhibition Threshold – Bacteria = 4168 mg/L

**Persistence and Degradability:** Material is readily biodegradable. Passes OECD test for ready biodegradability. Material is ultimately biodegradable. Reaches more than 70% mineralization in OECD test for inherent biodegradability. Biodegradation under aerobic static laboratory conditions is moderate (BOD20 or BOD28/ThOD between 10 and 40%). Biodegradation rate may increase in soil and/or water with acclimation. BOD20 = 0.65 p/p. Degradation is expected in the atmospheric environment within minutes to hours. Biodegradation reached in CO2 Evolution test (Modified Sturm Test, OECD Test No. 301 B) after 28 days = 34%. Biodegradation reached in Modified OECD Screening Test (OECD Test No. 301 E) after 28 days = 72.9%.

**Bioaccumulative Potential:** BCF = >100

**Mobility in Soil:** No Data.

**Other Adverse Effects:** None Known.

## 13. DISPOSAL CONSIDERATIONS:

**Waste, Residue, or Chemical:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all local, state, national, and international regulations. These regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator. FOAM SUPPLIES, INC. HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION.

**Container:** Do not puncture or crush. Cans are still pressurized. There may still be residue in containers and they should be disposed of in accordance with all applicable regulations.

## 14. TRANSPORT INFORMATION

**DOT:** Limited Quantity

**UN #:** N/A

**Shipping Name:** N/A

**Hazard Class:** N/A

**Packing Group:** N/A

**IMDG:** Limited Quantity

**UN #:** UN1950

**Shipping Name:** Aerosols

**Hazard Class:** 2.1

**Packing Group:** N/A

**Marine Pollutant:** No

**IATA:** Limited Quantity

**UN #:** UN1950

**Shipping Name:** Aerosols, Flammable

**Hazard Class:** 2.1

**Packing Group:** N/A

**Canadian TDG:** See Canadian Regulations.

**Bulk Transport:** N/A

**Special Precautions:** None Known.

## 15. REGULATORY INFORMATION:

**(Not meant to be all inclusive. Selected regulations represented.)**

**NOTICE:** The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state, and local laws. The following specific information is made for the purpose of complying with numerous federal, state, and local laws and regulations.

**US Regulations:**

**Toxic Substances Control Act (TSCA):** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**SARA 313 Information:** To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

**SARA Hazard Categories:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

- An immediate health hazard
- A fire hazard

**State Regulations:**

**State Right-To-Know:** This product is not known to contain any substances subject to the disclosure requirements of New Jersey or Pennsylvania.

**California Prop. 65:** This product does not contain any substances known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**Canadian Regulations:**

**WHMIS:** The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is: B3 – combustible liquid with a flash point between 37.8°C and 93.3°C.

**HPA Information:** This product contains the following ingredients which are Controlled Products and/or the Ingredient Disclosure List (Canadian Hazardous Products Act Sections 13 and 14): Dipropylene Glycol Monomethyl Ether (CAS #: 34590-94-8)

**CPR Statement:** This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

**NFPA Classification:****Product Literature:**

Additional information on this product may be obtained by calling your sales or customer service contact.

**Product Stewardship:**

Foam Supplies Incorporated and its subsidiaries are committed to stewardship and have a concern for, the health and safety for all individuals who come in contact with its products, as well as the environment. This philosophy is a foundation on which we assess information to appropriately protect individuals and preserve our environment. Success of stewardship rests with each and every individual involved in the cradle to grave life cycle of our products.

Foam Supplies supports and follows Responsible Care Guiding Principles.

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