

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Uniplex 809

**Synonyms:** PEG Di-2-ethyl Hexoate, PEG-bis-2-ethylhexanoate

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### MANUFACTURER:

Unitex Chemical Corporation  
520 Broome Road  
P.O. Box 16344  
Greensboro, NC 27406

### EMERGENCY TELEPHONE NUMBERS:

Emergency Telephone Number: CHEMTREC 1 (800) 424-9300  
International 1 (703) 527-3887  
Telephone Number for Information:  
(336) 378-0965 (Monday - Friday 8:00 a.m. - 5:00 p.m.)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>% (optional)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS NO.</u>
PEG Di-2-ethyl Hexoate	100	None	Established	9004-93-7

## 3. HAZARDS IDENTIFICATION

Emergency Overview: Oily liquid--can burn in a fire. Slippery--can cause falls if spills are walked on.

Potential Health Effects: Inhalation: Exposure to mists of product should be avoided, but is not believed to present a hazard.

Eye Contact: May cause eye irritation.

Skin Contact: Not irritating.

Ingestion: This material should not be swallowed; but should present little hazard.

Chronic: Not expected to be a significant hazard.

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#### **4. FIRST AID MEASURES**

Inhalation: Remove to fresh air if breathing is affected; consult physician. No adverse effects are expected during proper industrial handling.

Eye Contact: Flush with water for at least five minutes. Consult physician if irritation persists.

Skin Contact: Wash with soap and water.

Ingestion: Consult physician if sufficient quantity is ingested to cause physical symptoms of nausea, pain, or other signs of discomfort.

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#### **5. FIRE FIGHTING MEASURES**

Flash Point: 470°F (COC)

General Hazard: Not considered a fire hazard; but will burn if involved in fire.

Fire Fighting Instructions: Fire fighters should wear full protective equipment, including self-contained breathing apparatus. Extinguishing media include water fog or spray, carbon dioxide, dry chemical, foam, or earth/mud.

Hazardous Combustion Products: Products of combustion include compounds of carbon, hydrogen, and oxygen, including carbon monoxide.

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#### **6. ACCIDENTAL RELEASE MEASURES**

Land Spill: For large spills, contain with sand or earth. Prevent runoff from entering storm sewers and ditches which lead to natural waterways.

Water Spill: Contained spilled liquid with inert material such as sand, vermiculite, or other absorbent material. Sweep up and dispose of in accordance with all local, state, and federal regulations. This material forms a slippery surface on floors, posing an accident risk.

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#### **7. HANDLING AND STORAGE**

Storage Temperature: Ambient                      Storage Pressure: Ambient

General: General warehousing conditions are satisfactory for this material.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Good general ventilation should be sufficient for most conditions.

Personal Protection: Splash proof goggles are recommended when handling or transferring this material.

Respirator: Not required under normal handling conditions.

Protective Clothing: Gloves--protective rubber or vinyl are recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	: ND	Vapor Density (Air = 1)	: ND
Specific Gravity	: 1.02 (Water = 1)	Evaporation Rate	: < 1 (Butyl Acetate = 1)
Solubility in Water	: Essentially insoluble	Freezing Point	: ND
pH	: NA	Odor	: Mild
Boiling Point	: ND	Appearance	: Clean, oily liquid
Viscosity	: ND	Physical State	: Liquid

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## 10. STABILITY AND REACTIVITY

General: This product is stable; hazardous polymerization will not occur.

Incompatible Materials and Conditions to Avoid: Strong oxidizing agents.

Hazardous Decomposition: None under normal conditions. If involved in fire, oxides of carbon may be released, including carbon dioxide and carbon monoxide.

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## 11. TOXICOLOGICAL INFORMATION

No Information available. Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

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## 12. ECOLOGICAL INFORMATION

No Information available.

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### 13. DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Incineration is the preferred method of disposal.

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### 14. TRANSPORT INFORMATION

Uniplex 809 is not regulated by DOT.

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### 15. REGULATORY INFORMATION

Uniplex 809 is not a hazardous substance as defined by OSHA (20 CFR 1910.1200).

Uniplex 809 is registered on the "Toxic Substances Control Act Chemical Substance Inventory" (TSCA Inventory).

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### 16. OTHER INFORMATION

No specific notes.

	HAZARD RATINGS	
	NFPA	HMIS
Health	1	1
Flammability	1	1
Reactivity	0	0

#### Revision Summary:

2/5/96 - J. Day

3/6/97 - J. Day

1/26/98 J. Day

8/3/98 - J. Day (Area Code Chg.)

5/11/04 - J. Day

6/23/09 – D.Young