

# SAFETY DATA SHEET

## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CONGO FLEX - PART B

**Company:** POLYGEM INC.  
PO Box 609  
West Chicago, Illinois 60185

**Telephone:** 630-231-5600  
630-231-5604 (Fax Line)

**Emergency Telephone Number:** 1-800-535-5053 USA  
01-352-323-3444 International

## Section 2 - HAZARDS IDENTIFICATION

### GHS Classifications

#### Health:

Acute Toxicity (Oral), Category 4  
Eye Irritation, Category 2B  
Target organ toxicity repeated exposure, Category 2  
GHS Label  
Exclamation mark Health hazard



**Signal Word:** Warning.

#### Hazard Statements

**H302:** Harmful if swallowed.  
**H319:** Causes serious eye irritation.  
**H373:** May cause damage to pancreas through prolonged or repeated exposure.

#### Precautionary Statements

#### Prevention:

P260: Do not breathe mist or spray.  
**P264:** Wash hands thoroughly after handling.  
**P270:** Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves, protective clothing, eye protection and face protection.

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#### Response:

**P301+P312:** IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell.  
**P330:** Rinse mouth.  
**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy  
**P337+P313:** If eye irritation persists: Get medical attention.  
**P314:** Get medical attention if you feel unwell.

## Section 2 - HAZARDS IDENTIFICATION (continued)

### Hazard Description

HMIS-ratings (scale 0 - 4)

CHEMICAL NAME	
HEALTH	4
FLAMMABILITY	
PHYSICAL HAZARD	
PERSONAL PROTECTION	

### Section 3: Hazards Identifications

Chemical Name	CAS #	OSHA PEL *	ACGIH TLV*	WT%
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Component % (weight) Product Identifier

Diethylmethylbenzenediamine 15-25 CAS No. 68479-98-1

N,N'-dialkylamino-diphenylmethane 5-15 CAS No. 5285-60-9

### Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water. Seek medical attention if irritation persists.

**Skin Contact: Wash with soap and water. Seek medical attention if irritation persists.**

Ingestion: Give one or two glasses of water to drink. Induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation: Move person to fresh air.

### Section 5: Fire Fighting Measures

Extinguishing Media: Water spray, foam, dry chemical or carbon dioxide.

**Hazardous Combustion Products:** Carbon oxides, nitrogen oxides and sulfur oxides.

**Explosion Hazards:** None.

**Fire Fighting Procedures:** Do not use direct water stream as this may spread the fire. Use water spray to cool fire-exposed containers.

**Fire Fighting Equipment:** Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

### Section 6: Accidental Release Measures

Personal Protection: Wear protective equipment listed in Section 8.

**Spill Procedures:** Isolate the hazard and deny entry to unnecessary and unprotected personnel. Do not walk through or otherwise scatter spilled material. Small spills: Absorb with dry chemical absorbent, earth, sand or any other inert material. Large spills: Create a dike or trench to contain product. Follow same procedure as for a small spill.

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**Environmental Precautions and Cleanup Methods:** Clean spill area with detergent and water. Retain water for disposal.

### Section 7: Handling and Storage

**Handling:** Do not get in eyes, on skin or on clothing. Wash hands before eating, drinking or smoking. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

**Storage:** Store in tightly closed containers in cool, dry and well-ventilated area away from heat or sources of ignition. Keep out of direct sunlight.

**Storage Temperature:** 4.4°C - 32.2°C (40°F - 90°F).

### Section 8: Exposure Control/Personal Protection

**Engineering Controls:** Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants.

**Eye/Face Protection:** Wear a face shield and chemical safety glasses or goggles.

**Skin Protection:** Wear impervious gloves. Cover exposed skin.

**Respiratory Protection:** None needed in normal use.

## Section 9: Physical and Chemical Properties

Appearance Amber liquid.

Odor Mild.

Odor Threshold No data.

Melting Point No data.

Freezing Point No data.

Boiling Point No data.

Flash Point (Closed Cup) > 93.3°C (200°F)

Evaporation Rate No data.

Flammable Limits In Air No data.

Vapor Pressure No data.

Vapor Density (air = 1) No data.

Solubility in water Low.

Autoignition Temperature No data.

Decomposition Temperature No data.

Specific Gravity (water = 1) 1.05 at 25°C (77°F)

Viscosity (centipoise) 1700 at 25°C (77°F)

## Section 10: Stability and Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

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Hazardous Decomposition Products: Carbon oxides, nitrogen oxides and sulfur oxides.

Incompatibilities: Strong acids and strong oxidizers.

## Section 11: Toxicological Information

Acute:

**Component Oral LD50 (rat) Dermal LD50 (rabbit)**

**Diethylmethylenediamine 738 mg/kg > 2000 mg/kg**

**N,N'-dialkylamino-diphenylmethane 1400 mg/kg 3090 mg/kg**

**Carcinogenicity:**

**IARC: Not regulated as a carcinogen.**

**NTP: Not regulated as a carcinogen.**

**OSHA: Not regulated as a carcinogen.**

## Section 12: Ecological Information

Ecotoxicological Information:

Diethylmethylenediamine: EC50 (Daphnia magna) 0.5 mg/L/48h

## Section 13: Disposal Considerations

**Disposal Method:** Dispose in accordance with local, state, provincial or national regulations.

**Empty Container:** Decontaminate and pass to an approved drum recycler or destroy.

**RCRA/EPA Waste Information:** If discarded in its purchased form, this material is not a RCRA hazardous waste

**General Comments:** The generation of waste should be avoided or minimized whenever possible.

Chemical waste, even small quantities, should never be poured into drains, sewers or waterways.

## Section 14: Transport Information

Consult Bill of Lading for transportation information

U.S. DOT: Not regulated.

ICAO/IATA: Not regulated.

IMO/IMDG: Regulated as a marine pollutant.

## Section 15: Regulatory Information

United States

311/312 Hazard Categories: Acute, Chronic

313 Reportable Components: None.

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**CERCLA (Comprehensive Environmental Response and Liability Act): None.**

**TSCA (Toxic Substances Control Act): All components are on TSCA inventory.**

**RCRA Status: If discarded in its purchased form, this material is not a RCRA hazardous waste.**

### **Section 16: Other Information**

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Revision Date: 11/2015

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