

## DX1090 (Preliminary)

Product: DX1090

Revision Date: 2009/09/09

### Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:** Dynax Corporation  
 79 Westchester Ave.  
 Pound Ridge, NY 10576 USA

**Product Information**  
**phone number:** 914-764-0202.

**Chemical Emergency**  
**phone number:** CHEMTREC (24 hours): 800-424-9300

**Product name:** DX1090

**Chemical family:** Not available.

#### **HMIS**

**H 1**

**F 2**

**R 0**

**PPE Sec. 8**

### Section 2 : INGREDIENT INFORMATION

C.A.S.	Conc. % wgt/wgt	Ingredient Name	OSHA- PEL TWA	OSHA- PEL STEL	ACGIH- TLV TWA	ACGIH- TLV STEL	NIOSH REL TWA	NIOSH REL STEL	NIOSH IDLH
70969-47-0	33 - 37	Perfluoro Telomer							
	41% 8% Remainder	Glycols Carbitols Water							
7732-18-5	Remainder	Water							

### Section 3 : HAZARD IDENTIFICATION

**Emergency overview:** Clear to slightly hazy yellowish liquid with slight ammonia odor.

Not irritant on skin; minimal irritant on eye  
 May be harmful if swallowed.

Wear appropriate protective equipment.  
 Keep away from heat, sparks and open flames.

**Route of entry:** Skin contact, inhalation and ingestion.

#### **Effects of acute exposure**

**Eye contact:** May causes eye irritation.

**Skin contact:** Not a skin irritant.

**Inhalation:** May be harmful if inhaled.

**Ingestion:** May be harmful if swallowed.

**Effects of chronic exposure:** See effects of acute exposure.

#### Section 4 : FIRST AID MEASURES

**Skin contact:** If irritation occurs, consult a physician.  
Wash with mild soap and water.

**Eye contact:** Flush with water for at least 15 minutes consult a physician.

**Inhalation:** No first aid should be needed.

**Ingestion:** Obtain medical attention.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

#### Section 5 : FIRE FIGHTING MEASURES

**Flammability:** Non-red labeled

**Conditions of flammability:** Heat, sparks and open flames.

**Extinguishing media:** Dry chemical.  
Foam  
Carbon dioxide.  
Water spray.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

**Auto-ignition temperature:** Not available.

**Flash point (°C), method:** Pensky-Martens Closed Cup.  
48° C(118°F)

**Lower flammability limit (% vol.):** Not evaluated.

**Upper flammability limit (% vol.):** Not evaluated.

#### Explosion Data

**Sensitivity to static discharge:** Not available.

**Sensitivity to mechanical impact:** Not available.

**Hazardous combustion products:** Not available.

**Rate of burning:** Not available.

**Explosive power:** No unusual hazards.

#### Section 6 : ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Absorb with inert material.  
Place in appropriate container.  
Do not use water for clean-up operations.  
Caution: floor may be slippery.

#### Section 7 : HANDLING AND STORAGE

**Handling procedures and equipment:** Use adequate ventilation.  
Wear personal protective equipment appropriate to task.  
Avoid breathing vapors.  
Avoid contact with skin, eyes and clothing.

For industrial use only.

**Storage requirements:** No special precautions specified.

## Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

### Precautionary Measures

**Gloves/Type:**



Wear impervious gloves.

**Respiratory/Type:**



Wear a NIOSH approved respirator.

**Eye/Type:**



Safety goggles.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** As required to prevent skin contact.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Local exhaust and/or general ventilation.

## Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance & odor:** Slight ammonia odor  
Clear, yellowish liquid

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** Not evaluated.

**Vapour density (air=1):** Not evaluated.

### Volatiles (%)

**By volume:** Not available.

**Evaporation rate  
(butyl acetate = 1):** Not evaluated.

**Boiling point (°C):** Not evaluated.

**Freezing point (°C):** < -15°F

**pH:** 4.5-5.5

**Specific gravity @ 20 °C:** (Water = 1).  
1.15

**Solubility in water (%):** Soluble

**Coefficient of water\oil  
dist.:** Not available.

**Melting point (°C):** Not evaluated.

**VOC:** Not available.

## Section 10 : STABILITY AND REACTIVITY

**Chemical stability:** Product is stable.

**Conditions of instability:** None known.

**Hazardous polymerization:** Will not occur.

**Incompatible substances:** Reducing agents.  
Strong oxidizing agents.

**Hazardous decomposition products:** Burning may produce oxides of carbon, sulfur, fluorine and hydrofluoric acid.

#### Section 11 : TOXICOLOGICAL INFORMATION

**LD50 of product, species & route:** > 5,000mg/kg albino rats

**LC50 of product, species & route:** Not available for mixture, see the ingredients section.

**Exposure limit of material:** Not available for mixture, see the ingredients section.

**Irritancy of material:** No Skin Irritant/Minimal Eye Irritant

**Sensitization to product:** Not available.

**Carcinogenic effects:** Not listed as a carcinogen.

**NTP:** Not listed.

**IARC:** Not listed.

**OSHA:** Not listed.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

#### Section 12 : ECOLOGICAL INFORMATION

**Environmental toxicity:** No data at this time.

**Environmental fate:** No data at this time.

#### Section 13 : DISPOSAL CONSIDERATIONS

**Waste disposal:** Dispose of all waste in accordance with local, State, and Federal regulations.  
May be incinerated.

#### Section 14 : TRANSPORT INFORMATION

**DOT:** Not regulated.

#### Section 15 : REGULATORY INFORMATION

##### USA Regulatory Information

**SARA hazard categories sections 311/312:** Immediate (Acute) Health Hazard: Yes.  
Delayed (Chronic) Health Hazard: No.  
Fire Hazard: No.  
Sudden Release of Pressure: No.  
Reactive: No.

**SARA Section 313:**

**CERCLA reportable** None

**quantity:**

**TSCA inventory:** The substance(s) which appear in section 2, with CAS numbers, appear on the TSCA inventory list.

**CA Proposition 65:** None

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