

DX1020

Product: DX1020

Revision Date: 2009/01/18

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: DX1020

Chemical family: Not available.

<u>HMIS</u>
H 1
F 3
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
107-41-5	7	HEXYLENE GLYCOL	25 ppm		25 ppm				
70969-47-0	18 - 23	PERFLUORO TELOMER							
75-65-0	8	TERTIARY BUTYL ALCOHOL	100 PPM		100 PPM				
	15 - 17	FLUOROSURFACTANTS							

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: This product contains 45-50% water (CAS# 7732-18-5).

Section 3 : HAZARD IDENTIFICATION

Emergency overview: Clear yellowish liquid with alcohol odor.

Flammable and toxic material.
 Skin and eye irritant.
 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: Causes eye irritation.

Skin contact: May cause irritation.

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: Wash thoroughly with water.
If irritation occurs, consult a physician.

Eye contact: Obtain medical attention.
Flush with water for at least 15 minutes.

Inhalation: Remove victim to fresh air.

Ingestion: Obtain medical attention.
If conscious, give several glasses of water.
Never give anything by mouth to an unconscious person.

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: Flammable

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.
27°C (81°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: Alcohol 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): Not available.
pH: 5-6
Specific gravity @ 20 °C: (Water = 1).
Not evaluated.
Solubility in water (%): Complete.
Coeff. 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: > 5000 mg/kg rat.
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: Moderate eye irritant; Minimal skin irritant.
Sensitization to product: Not available.
Carcinogenic effects: Not available.
NTP: Not available.
IARC: Not available.
OSHA: Not available.
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:

Butanols ; (7.9% t-butanol solution)
UN1120
Class 3
PG III.



Section 15 : REGULATORY INFORMATION

USA Regulatory Info.

SARA hazard categories Immediate (Acute) Health Hazard: Yes.

sections 311/312: Delayed (Chronic) Health Hazard: No.

Fire Hazard: Yes.

Sudden Release of Pressure: No.

Reactive: No.

SARA Section 313: Tert-butyl alcohol (75-65-0).

**CERCLA reportable
quantity:** None

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

CA Proposition 65: None