



Dynamic Technology in Commercial Floor Care

Watch-Gard Systems  
3351 Bigelow Boulevard  
Pittsburgh, PA 15219  
1-866-396-2025

Emergency Phone: INFO-TRAC: 1-800-535-5053  
OUTSIDE U.S.: 1-352-323-3500

## MATERIAL SAFETY DATA SHEET

REVISION DATE: 09/17/2009 REVISION NUMBER: 3  
DATE PRINTED: 09/18/2009 PREPARED BY: EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **DYNATECH FUSION**  
PRODUCT CODE: 119074

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1 Fire: 0/0  
Reactivity: 0/0 Special/Protective Equipment: None/B

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:** Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting. Swallowing large amounts causes kidney damage.  
**SKIN CONTACT:** Repeated or prolonged contact may irritate moderately.  
**INHALATION:** Excessive inhalation causes headache, dizziness, nausea and incoordination.  
**EYE CONTACT:** May cause mild eye irritation.  
**CHRONIC EFFECTS:** None expected in normal use.  
**EFFECTS/CARCINOGENICITY:** None listed under OSHA, IARC, or NTP.  
**ROUTES OF ENTRY:** Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Acrylic polymer MIXTURE	10 - 20	NA	NA
Diethylene glycol ethyl ether 111-90-0	1 - 5	NA	NA
Tributoxy ethyl phosphate 78-51-3	1 - 5	NA	NA

### 4. FIRST AID MEASURES

**INGESTION:** Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.  
**SKIN:** Flush skin with large amounts of water. If irritation persists, get medical attention.  
**INHALATION:** Move person to fresh air. Aid breathing if necessary.  
**EYES:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.  
**NOTES TO PHYSICIAN:** None.

# DYNATECH FUSION

## 5. FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (F):** None to boiling (TCC) **(C):** NA  
**METHOD:** None

### FLAMMABLE LIMITS IN AIR

- LOWER (%): NA  
- UPPER (%): NA

**SENSITIVITY TO MECHANICAL IMPACT(Y/N):**

NO

**SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

**SUITABLE EXTINGUISHING MEDIA:**

As appropriate for surrounding fire-product is mostly water and will not burn.

**FIRE FIGHTING PROCEDURES:**

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL PROCEDURES:

**SMALL SPILLS:**

Mop up all possible. Rinse down drain.

**LARGE SPILLS:**

Flush remainder with water. Releases of some glycol ethers may be CERCLA reportable. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**PERSONAL PRECAUTIONS:**

Not applicable

**ENVIRONMENTAL PRECAUTIONS:**

Not applicable

**METHODS FOR CLEANING UP:**

Not applicable

## 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN  
IN HANDLING AND STORAGE:**

Caution: Avoid contact with eyes, skin and clothing.

**OTHER PRECAUTIONS:**

Do not breathe mist or vapors. Use only in a well ventilated area. Keep from freezing.

**SPECIFIC USE(S):**

Keep out of reach of children.

Not applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**



**EXPOSURE CONTROLS:**

Use in a well ventilated area.

**RESPIRATORY PROTECTION:**

None normally required. Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.

**PROTECTIVE GLOVES:**

Neoprene. Vinyl gloves. Rubber gloves.

**EYE PROTECTION:**

Goggles.

**OTHER PERSONAL PROTECTION  
EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact.

**VENTILATION:**

General mechanical or local exhaust as needed to maintain exposure below TLV or PEL.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:**

Opaque white liquid. Mild odor.

**BOILING POINT (F):**

212° F

(C) NA

**VAPOR PRESSURE:**

As water

**VAPOR DENSITY (AIR=1):**

As water

**SOLUBILITY IN WATER:**

NA

**SPECIFIC GRAVITY:**

1.012 - 1.042

**VOC Content (%):**

5.76 - 6.76 (EPA Method 24)

**VOV Content (%):**

NE

# DYNATECH FUSION

## 9. PHYSICAL AND CHEMICAL PROPERTIES

EVAPORATION RATE: As water  
 PH: 8.25 - 8.75

## 10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE  
 POLYMERIZATION: Will Not Occur.  
 HAZARDOUS DECOMPOSITION: If evaporated to dryness, as in a fire, may release: Oxides of Carbon. Oxides of Nitrogen.  
 INCOMPATIBILITY (MATERIALS TO AVOID): None  
 CONDITIONS/HAZARDS TO AVOID: Product coagulates when mixed with salt or acid solutions.

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established  
 EFFECTS OF CHRONIC EXPOSURE: Not established.  
 OTHER TOXIC EFFECTS: Not established.

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time  
 CHEMICAL FATE INFORMATION: No data at this time.  
 MOBILITY: Not applicable.  
 PERSISTENCE/DEGRADABILITY: Not applicable  
 BIOACCUMULATIVE POTENTIAL: Not applicable  
 OTHER ADVERSE EFFECTS: Not applicable

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

## 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Acrylic polymer MIXTURE	10 - 20	Not Listed	Not Listed	Not Listed	Not Listed
Diethylene glycol ethyl ether 111-90-0	1 - 5	Listed	Listed	Listed	Not Listed
Tributoxy ethyl phosphate 78-51-3	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Acrylic polymer MIXTURE	10 - 20	Not Listed	Not Listed	Not Listed
Diethylene glycol ethyl ether 111-90-0	1 - 5	Not Listed	Not Listed	Not Listed
Tributoxy ethyl phosphate 78-51-3	1 - 5	Not Listed	Not Listed	Not Listed

## DYNATECH FUSION

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<b>PRODUCT COMPOSITION CAS#</b>	<b>%</b>	<b>Canada WHMIS:</b>
Diethylene glycol ethyl ether 111-90-0	1 - 5	Listed
Tributoxy ethyl phosphate 78-51-3	1 - 5	Listed

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

### **16. OTHER INFORMATION**

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

**\*\*\* END OF MSDS \*\*\***