

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Mixture  
 Product name : **Penetrating Conditioner**  
 Product code : 11195

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Sealer-Finish

**1.3. Details of the supplier of the safety data sheet**

Flo-Kem  
 19402 Susana Rd.  
 Rancho Dominguez, CA 90221 - USA  
 T 310-632-7124 - F 310-631-7496  
<http://www.flo-kem.com>

**1.4. Emergency telephone number**

Emergency number : CHEMTEL: 800-255-3924

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GHS-US classification**

STOT RE 2 H373

Full text of H statements : see section 16

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms :



GHS08

Signal word :

Warning

Hazard statements :

May cause damage to organs (kidneys, liver, lung/respiratory system, blood, thyroid gland) through prolonged or repeated exposure (Dermal, Inhalation, Oral).  
 Causes skin irritation.  
 Causes serious eye irritation.  
 May cause respiratory irritation.

Precautionary statements :

Do not breathe mist, vapors.  
 Get medical advice/attention if you feel unwell.  
 Dispose of contents/container in accordance with Local, State, and Federal regulations.

**2.3. Hazard not otherwise classified (HNOC)**

No additional information available

**2.4. Unknown acute toxicity (GHS US)**

1.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
 1.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
 1.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

**SECTION 3: Composition/Information on ingredients**

**3.1. Substances**

Not applicable

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of H-phrases: see section 16

**3.2. Mixture**

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Name	Product identifier	%	GHS-US classification
partially fluorinated alcohol, reaction products with phosphorous oxide (P2O5), ammonium salts*	(CAS-No.) Trade Secret	1 - 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 STOT RE 2, H373
dipropylene glycol monomethyl ether	(CAS-No.) 34590-94-8	1 - 5	Flam. Liq. 4, H227

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: If skin irritation or rash occurs: Wash with plenty of soap and water. If skin irritation persists, get medical attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause damage to organs through prolonged or repeated exposure. If you feel unwell, seek medical advice.
Symptoms/effects after skin contact	: May cause slight irritation.
Symptoms/effects after eye contact	: Slight irritation.
Symptoms/effects after ingestion	: Harmful if swallowed. FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Nausea. Vomiting.
Chronic symptoms	: May cause damage to organs through prolonged or repeated exposure.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Alcohol-resistant foam. BC powder. Carbon dioxide. Dry chemical powder. Sand/earth.
Unsuitable extinguishing media	: No unsuitable extinguishing media known.

#### 5.2. Special hazards arising from the substance or mixture

Reactivity	: Thermal decomposition may release toxic and corrosive materials.
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#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: No additional information available.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Isolate from fire, if possible, without unnecessary risk.
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##### 6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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##### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
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#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not breathe mist or vapors. Provide good ventilation in process area to prevent formation of vapor. Use personal protective equipment as required.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage area : Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

dipropylene glycol monomethyl ether (34590-94-8)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	100 ppm
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	OSHA PEL (STEL) (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
OSHA	OSHA PEL (STEL) (ppm)	150 ppm

#### 8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
- Other information : Do not eat, drink or smoke during use.
- Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Color : Slightly hazy
- Odor : Mild
- Odor threshold : No data available
- pH : 8 - 9
- Melting point : No data available
- Freezing point : No data available
- Boiling point : ≥ 212 °F
- Flash point : > 200 °F
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosion limits : No data available
- Vapor pressure : No data available
- Vapor density : No data available
- Specific Gravity @ 77° F : 0.996 - 1.016
- Solubility : Water: Complete
- Partition Coefficient n-Octanol-Water : No data available

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Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity : No data available

### 9.2. Other information

VOC content : < 12 g/l CARB VOC

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Thermal decomposition may release toxic and corrosive materials.

### 10.2. Chemical stability

Stable under recommended conditions.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

### 10.5. Incompatible materials

None identified.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapors. Toxic vapors.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

dipropylene glycol monomethyl ether (34590-94-8)	
LD50 oral rat	5135 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; >5000 mg/kg; Rat; Experimental value)
LD50 dermal rat	9500 mg/kg (Rat; Literature study; Equivalent or similar to OECD 402; >19020 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	9500 mg/kg (Rabbit; Literature study)
ATE US (oral)	5135 mg/kg body weight
ATE US (dermal)	9500 mg/kg body weight

Skin corrosion/irritation : Not classified  
pH: 8 - 9

Serious eye damage/irritation : Not classified  
pH: 8 - 9

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified  
Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Reproductive toxicity : Not classified  
Based on available data, the classification criteria are not met

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : May cause damage to organs (kidneys, liver, lung/respiratory system, blood, thyroid gland) through prolonged or repeated exposure (Dermal, Inhalation, Oral).

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met

Symptoms/effects after skin contact : May cause slight irritation.

Symptoms/effects after eye contact : Slight irritation.

Symptoms/effects after ingestion : Harmful if swallowed. FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Nausea. Vomiting.

Chronic symptoms : May cause damage to organs through prolonged or repeated exposure.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

dipropylene glycol monomethyl ether (34590-94-8)	
LC50 fish 1	> 10000 mg/l (96 h; Pimephales promelas; GLP)
LC50 other aquatic organisms 1	> 1000 mg/l (96 h; Crangon crangon)
LC50 fish 2	> 150 mg/l (72 h; Pisces)
Threshold limit other aquatic organisms 1	> 1000 mg/l (96 h; Crangon crangon)
Threshold limit algae 1	969 mg/l (72 h; Selenastrum capricornutum; GLP)
Threshold limit algae 2	> 969 mg/l (72 h; Selenastrum capricornutum; GLP)

#### 12.2. Persistence and degradability

dipropylene glycol monomethyl ether (34590-94-8)	
Persistence and degradability	Readily biodegradable in water. No (test)data on mobility of the substance available. Photolysis in the air.
Biochemical oxygen demand (BOD)	0 g O <sub>2</sub> /g substance
ThOD	2.06 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0 % ThOD

#### 12.3. Bioaccumulative potential

dipropylene glycol monomethyl ether (34590-94-8)	
Log Pow	0.0043 (Experimental value; OECD 102: Melting Point/Melting Range; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

#### 12.4. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with Local, State, and Federal regulations.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### 14.1. UN Number

UN-No.(DOT) : Not Regulated  
Other information : No supplementary information available

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

dipropylene glycol monomethyl ether (34590-94-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard
partially fluorinated alcohol, reaction products with phosphorous oxide (P2O5), ammonium salts	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard

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### 15.2. International regulations

#### CANADA

#### EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

#### 15.2.2. National regulations

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

Abbreviations Legend:

H227	Combustible liquid
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure

#### Disclaimer

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ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (310) 632-7124

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