## Section 1
**IDENTIFICATION**

<table>
<thead>
<tr>
<th>PipeFit®</th>
<th>PipeFit Pint BIC</th>
<th>PipeFit Qt. Flat top</th>
<th>PipeFit Qt. BIC</th>
<th>PipeFit 5 gal</th>
<th>PipeFit 55 gal</th>
</tr>
</thead>
</table>

### Manufacturer Information
Fire Protection Products, Inc.
3198 Lionshead Avenue
Carlsbad, CA 92010
Phone: (760) 599-1168
Fax: 1-800-344-3775

### Emergency Contact
CHEMTREC
1300 Wilson Boulevard
Arlington, VA 22209-2380
Phone: (800) 424-9300
International: +1 (703) 527-3887

### Product Use
Pipe thread sealant

## Section 2
**HAZARDS IDENTIFICATION**

### Hazard Classification
Non-hazardous

### Eye Irrit. 2A, H319
Aquatic Acute 1, H400
Aquatic Chronic 3, H412

### Hazard Statements
Warning

### Hazard Statements
Causes eye irritation
May cause skin irritation
May cause respiratory irritation

### Precautionary Statements
Avoid contact with skin and eyes. Do not breathe fumes. Always wash hands immediately after handling this product, and once again before leaving the workplace.

### Prevention
Avoid contact with skin and eyes. Wear suitable gloves. Do not eat, drink, or smoke when using this product.
Response

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs; get medical advice/attention. 
IF INHALED: Remove person to fresh air and keep comfortable during breathing. 
IF IN EYES: Immediately flush eyes with plenty of water. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Obtain medical attention if pain, blinking or redness persists. Never give anything by mouth to an unconscious person. Get medical attention/advice if you feel unwell.

Storage


Disposal


Section 3

COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS Number</th>
<th>0 - 0.22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphorodithioic acid, O,O-di-C1-14- alkyl esters, zinc salts</td>
<td>68649-42-3</td>
<td>0 - 0.22</td>
</tr>
</tbody>
</table>

Section 4

FIRST AID MEASURES

Inhalation
May cause irritation, coughing, shortness of breath.

Skin
Wash with plenty of soap and water. If skin irritation occurs; get medical advice/attention.

Eye
Immediately flush eyes with plenty of water. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Obtain medical attention if pain, blinking or redness persists.

Ingestion
Get medical advice/attention if you feel unwell.

Symptoms
Inhalation may cause: irritation, coughing, shortness of breath.

Medical Care
Treat symptomatically. Never give anything by mouth to an unconscious person. Get medical attention/advice if you feel unwell.

Section 5

FIRE FIGHTING MEASURES

Flash Point
150 °C

Extinguishing Media

Special Firefighting Procedures/Equipment
Firefighting instructions: Cool adjacent structures and containers with water spray to protect and prevent ignition. Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus. Remove all unprotected personnel.

Unusual Fire and Explosion Hazards
### Additional Information
No known unsuitable extinguishing media.

### Section 6  ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

#### Environmental Precautions
Prevent entry to sewers and public waters.

#### Methods and Materials Use for Containment
Do not allow minor leaks or spills to accumulate on walking surfaces. Contain and collect as any solid.

#### Methods for Clean Up
Section 13: disposal information. Section 7: safe handling.

### Section 7  HANDLING AND STORAGE

#### Handling
Avoid contact with skin and eyes. Do not breathe fume. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Do not eat, drink or smoke when using this product.

#### Storage

### Section 8  EXPOSURE CONTROLS/ PERSONAL PROTECTION

#### Exposure Guidelines

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts</td>
<td>68649-42-3</td>
<td>ACGIH: not applicable OSHA: not applicable</td>
<td>No established limit.</td>
</tr>
</tbody>
</table>

#### Engineering Controls
Avoid creating mist or spray. Ensure good ventilation of the work station.

#### Personal Protection
Eye protection: None under normal use. Hand protection: In case of repeated or prolonged contact wear gloves. Respiratory Protection: None under normal use.

#### General Measures
Keep out of reach of children. Do not eat, drink or smoke when using this product.

### Section 9  PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance: White paste</td>
<td>Evaporation Rate: No data available</td>
</tr>
<tr>
<td>Odor: Mild</td>
<td>Flammability: No data available</td>
</tr>
<tr>
<td>Odor Threshold: No data available</td>
<td>Upper/lower Flammability and/or Explosive Limits: No data available</td>
</tr>
<tr>
<td>pH: No data available</td>
<td>Vapor Pressure: No data available</td>
</tr>
<tr>
<td>Melting Point/Freezing Point: No data available</td>
<td>Vapor Density: No data available</td>
</tr>
<tr>
<td>Boiling Point and Boiling Range: 177 °C</td>
<td>Relative Density: 1.48</td>
</tr>
</tbody>
</table>
## Flash Point: 150 °C

**Solubility:** Insoluble in water

### Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition Coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC content</td>
<td>0 g/L</td>
</tr>
</tbody>
</table>

### Stability and Reactivity

**Reactivity:** No dangerous reactions known.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Heat and open flame.


**Hazardous Decomposition:** Carbon oxides (CO, CO2). Hydrogen fluoride. Perfluoro-carbon olefins.

### Toxicological Information

#### Ingestion Toxicity

0.22 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

LD50 oral rat: 26100 mg/kg

ATE CLP (oral) 26100.000 mg/kg bodyweight

#### Skin Toxicity

Not Classified.

#### Eye Irritation

Not Classified.

#### Respiratory Irritation

Not Classified.

#### Chronic Toxicity

Not Classified.

#### Carcinogenicity

Not Classified.

#### Other

Potential adverse human health effects and symptoms:

AFTER INHALATION: may cause irritation, coughing, shortness of breath.

LIKELY ROUTES OF EXPOSURE: ingestion, skin and eye contact.

### Ecological Information

#### Ecotoxicity

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

LC50 fish 1 10 (10 - 35) mg/l Pimephales promelas OECD GDL 203 (water accommodated fraction)

EC50 Daphnia 1 1 (1 - 1.5) mg/l OECD GDL 202 (water accommodated fraction)

NOEC (acute) 10 mg/l Pimephales promelas OECD GDL 203 (water accommodated fraction)

NOEC chronic crustacea < 1 mg/l

#### Degradability

Not readily biodegradable.
<table>
<thead>
<tr>
<th>Section 13</th>
<th>DISPOSAL CONSIDERATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Waste Disposal Method</strong></td>
<td></td>
</tr>
<tr>
<td>Sewage disposal recommendations: Do not dispose of waste into sewer.</td>
<td></td>
</tr>
<tr>
<td>Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.</td>
<td></td>
</tr>
<tr>
<td>Ecology - waste materials: Avoid release to the environment.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 14</th>
<th>TRANSPORT INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN Number</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>UN Proper Shipping Name</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Transport Hazard Class</strong></td>
<td>In accordance with DOT and TDG. Not considered a dangerous good for transport regulations.</td>
</tr>
<tr>
<td><strong>Canadian Transportation of Dangerous Goods</strong></td>
<td>Listed on the Canadian DSL (Domestic Substances List) inventory.</td>
</tr>
<tr>
<td><strong>Marine Pollutants</strong></td>
<td>Do not dispose of waste into sewer.</td>
</tr>
<tr>
<td><strong>Special Precautions</strong></td>
<td>No additional information available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 15</th>
<th>REGULATORY INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TSCA Status</strong></td>
<td>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3) Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td><strong>SARA 311/312 Hazards</strong></td>
<td>Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials. Must be preheated before ignition can occur. Normally stable, even under fire exposure conditions, and not reactive with water.</td>
</tr>
<tr>
<td><strong>California Prop 65</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>DSL Status (Canada)</strong></td>
<td>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3) Listed on the Canadian DSL (Domestic Substances List) inventory.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 16</th>
<th>OTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Additional Information</strong></td>
<td>There are no Red List materials included in this product.</td>
</tr>
<tr>
<td><strong>Prepared By</strong></td>
<td>Human Resource Department</td>
</tr>
<tr>
<td><strong>Revised Date</strong></td>
<td>7/20/15</td>
</tr>
<tr>
<td><strong>Disclaimer</strong></td>
<td>Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, Fire Protection Products, Inc. makes no representations as to the completeness or accuracy thereof. Fire Protection Products, Inc. makes no warranty whatsoever, expressed or implied, of merchantability or fitness for the particular purpose since the conditions of use are beyond our control. Fire Protection Products, Inc. assumes no responsibility for injury to recipient or to third persons for any damage to any property and recipient.</td>
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</tbody>
</table>