1. Product Composition

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS Number</th>
<th>% Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>20-60</td>
</tr>
<tr>
<td>Mono-Ethylene Glycol</td>
<td>57-55-6</td>
<td>10-40</td>
</tr>
<tr>
<td>Polyolefin Polymer</td>
<td>308070-26-0</td>
<td>10-50</td>
</tr>
<tr>
<td>Additives</td>
<td>Proprietary</td>
<td>1-10</td>
</tr>
</tbody>
</table>

The specific composition of this material is being withheld as a trade secret. In accordance with the provisions of 29 CFR 1910.1200(i), it will be provided to a health professional when requested, and/or to a physician or nurse in a medical emergency.

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

1% = 10,000 ppm

All components are listed on the TSCA inventory.

2. Hazards Identification

Emergency Overview
WATER CONTAINING ADDITIVES. SLIPPERY WHEN SPILLED.

Hazard Rating

HMIS (USA):  
Health: 0  
Flammability: 1  
Physical Hazard: 0  
Personal Protection: D

NFPA (USA):  
Health Hazard: 0  
Flammability: 1  
Instability: 0  
Special Hazards: None
Potential Health Effects

**Inhalation:**
May irritate the nose, throat and respiratory tract.

**Ingestion:**
Irritation of mucous membranes.

**Skin Contact:**
Repeated or prolonged exposure may cause skin irritation.

**Eye Contact:**
May cause slight irritation.

**Chronic Exposure:**
None known.

**Aggravation of Pre-existing Conditions:**
None known.

3. First Aid Measures

**Inhalation:**
If exposed to excessive levels of dust or fumes, remove to fresh air. If breathing is difficult, administer artificial respiration or oxygen if necessary and seek medical attention.

**Ingestion:**
Do Not Induce Vomiting. Seek medical attention.

**Skin Contact:**
Wash with soap and water. Seek medical attention if irritation develops or persists. A burn from molten material should be treated as a thermal burn. Hot material tends to cling to flesh, especially after solidifying. Cool as soon as possible. Seek medical attention.

**Eye Contact:**
Flush eyes with water for at least 15 minutes. If irritation persists consult a physician.

4. Fire Fighting Measures

**Fire:**
Flash point: &gt;93°C
Auto ignition temperature: Not Known
Flammable limits in air % by volume: Not Known

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Propipe Engineering (Madrid)    Propipe fze (Dubai)    Propipe USA (Houston)
www.proppipe.es           info@proppipe.es
Explosion:
Cool containers with water spray. A high level of dust in the atmosphere may present a dust explosion hazard. Combustion generates Hazardous Fumes.

Fire Extinguishing Media:
Water fog, foam, dry chemical, and CO2

Special Information:
Use Self-Contained Breathing Apparatus and full Protective Equipment.

5. Accidental Release Measures
Remove sources of ignition. If spilled material has dried, sweep up material, avoid generating dust, and dispose of properly. Confine spills and mop up or use pumps as appropriate. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

6. Handling and Storage
Fine powder/dust may cause eye and respiratory irritation. Use with adequate ventilation.

7. Exposure Controls/Personal Protection

Airborne Exposure Limits:

<table>
<thead>
<tr>
<th>Component Name</th>
<th>OSHA Permissible Exposure Limit (PEL)</th>
<th>ACGIH Threshold Limit Value (TLV)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additives</td>
<td>------------------------------------</td>
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<tr>
<td></td>
<td>Not Established</td>
<td>----------------------------------</td>
</tr>
</tbody>
</table>

Ventilation System:
Provide general and/or local exhaust ventilation.

Personal Respirators (NIOSH Approved):
Wear a NIOSH/MSHA approved dust mask or respirator if airborne concentrations are not maintained below the Exposure Limits.

Skin Protection:
Wear impervious gloves and long sleeves to minimize skin contact.

Eye Protection:
Wear safety glasses with side shield, or goggles.
8. Physical and Chemical Properties

- **Physical State:** Liquid
- **Color:** Cream to white
- **Odor:** Slight odor
- **pH:** 7-11
- **Specific gravity:** 0.97 typical
- **Density:** 950 to 990 kg/m³ at 15.56°C
- **Solubility:** Miscible in hydrocarbons
- **Flash Point:** > 93°C
- **% Volatiles by volume @ 21°C:** 20-50
- **Boiling Point:** 100°C
- **Freezing Point:** -51°C
- **Operating range:** -40°C to 60°C

9. Stability and Reactivity

- **Stability:**
  Stable under ordinary conditions of use and storage.

- **Hazardous Decomposition Products:**
  May form carbon dioxide and carbon monoxide when heated to decomposition.

- **Hazardous Polymerization:**
  Will not occur.

- **Incompatibilities:**
  Strong oxidizing agents, excessive temperatures.

- **Conditions to Avoid:**
  Heat, flames, ignition sources and incompatibles.

10. Toxicological Information

No definitive information available on carcinogenicity, mutagenicity, target organs or developmental toxicity.

11. Ecological Information

- **Environmental Fate:**
  When released into the soil, this material is not expected to readily biodegrade. When released into the soil, this material is expected to leach into groundwater. When released into water, this material is not expected to readily biodegrade.
12. Disposal Considerations
Should be disposed of in accordance with federal, state and local regulations and laws (contact local or state environmental agency for specific rules).

13. Transport Information
Not a DOT Hazardous Material.
Regulatory Information

Chemical Inventory Status - Part 1
Component  TSCA  EC  Japan  Australia
Additives  Not Established

Chemical Inventory Status - Part 2
Component  Korea  DSL  NDSL  Phil.
Additives  Not Established

Federal, State & International Regulations - Part 1
Component  RQ  TPQ  List  Chem. Cat.
Additives  Not Established

Federal, State & International Regulations - Part 2
Component  CERCLA  261.33  8(d)  12(b)  CDTA
Additives  Not Established

14. Other Information

Label Precautions:
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation.

Label First Aid:
If exposed to excessive levels of dust or fumes, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. In all cases get medical attention immediately.