

Material Safety Data Sheet

ProFlo-X410

1. Product Composition

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

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:	>93°C
Auto ignition temperature:	Not Known
Flammable limits in air % by volume:	Not Known

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:

Component Name	OSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)
Additives	-----Not Established-----	-----

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/m ³ at 15.56°C
	Solubility:
	Miscible in hydrocarbons
Flash Point:	> 93°C
% Volatiles by volume @ 21C:	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

		-----Canada-----		
Component	Korea	DSL	NDSL	Phil.
Additives	-----Not Established-----			

Federal, State & International Regulations - Part 1

	-----SARA 302-----		-----SARA 313-----	
Component	RQ	TPQ	List	Chem. Cat.
Additives	-----Not Established-----			

Federal, State & International Regulations - Part 2

		RCRA	----TSCA----		
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.