ANTI-FREEZE
Propylene Glycol 38% Pre-Mix

ARGCO

MADE IN USA

Factory Pre-Mix
Complies with NFPA guidelines

Blended with corrosion inhibitors
Protects metal components and prolongs system life

Non-Toxic
FDA Classification of Generally regarded
as safe (G.R.A.S.) to humans & animals

Non-toxic, propylne glycol-based antifreeze for use in wet fire
sprinkler systems, with the exception of CPVC and galvanized.
Factory pre-mixed to NFPA guidelines of a 38% Propylene Glycol
solution by volume. All fire sprinkler systems utilizing Propylene Glycol
should conform to local, state and NFPA requirements.

Applications: Used in any environment where the potential exists for freezing conditions.
When used undiluted, Propylene Glycol PreMix protects against freeze damage failure and ensure flow
in wet fire sprinkler systems.

*NFPA 2016 7.6.2.1 and 7.6.2.2: Premixed Antifreeze Solution. A mixture of an antifreeze material with
water that is prepared by the manufacturer at a factory with a quality control procedure in place that en-
sures that the antifreeze solution remains homogeneous.

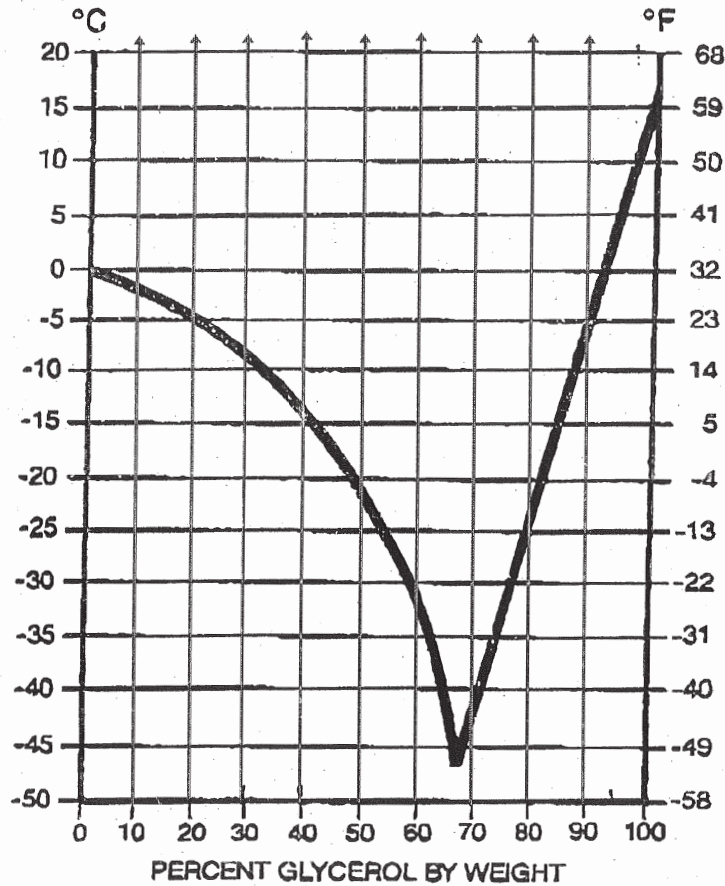| % of Propylene Glycol 38 Pre-Mix	Freeze Point	Flow Point	Burst Point	Specific Gravity @77°F
100	-0° F	-15° F	-50° F	103.7

INSTALLATION:
•Empty all water from system and drain sprinkler drops according to NFPA requirements.
•Propylene Glycol mix should be tested prior to introduction to system
•Do not dilute or add concentrate to Propylene Glycol 38% Pre Mix
•After filling system, follow NFPA guidelines for testing antifreeze.
•NFPA requires a tag to be affixed to the riser indicating the date tested or replaced, the type and concentration by volume of
fluid used, system capacity, contractor name and license number, and a statement indicating if the entire system was drained
and replaced with antifreeze.

Item number 1010226: 5 gallon pail Propylene Glycol 38% Pre-Mix

Item number 1010225: 55 gallon drum Propylene Glycol 38% Pre-Mix

System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	

FREEZING POINTS OF GLYCEROL-WATER SOLUTIONS

Lane, L. B., *Ind. Eng. Chem.*, 17, 924 (1925).

DENSITY OF ANTIFREEZE:

1 cubic foot of a Liquid (ft3 - cu ft) = **7.48052**

Multiply the pounds per gallon of the selected antifreeze by 7.48

Propylene Glycol 38%

7.48 x 9.18 Lbs = 86.66 Lbs.

		Lbs. per gallon:
5 gallon Pail:	42 Lbs.	8.478 lbs
55 gallon drum:	466 lbs	8.478 lbs
275 gallon tote:	2,332 lbs	8.478 lbs

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