

ANTI-FREEZE
Glycerine 48% Pre-Mix



Factory Pre-Mix
 Complies with NFPA guidelines*

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



Non-toxic, glycerine-based antifreeze for use in wet fire sprinkler systems. Factory pre-mixed to NFPA guidelines of a 48% glycerine solution. All fire sprinkler systems utilizing Glycerine should conform to local, state and NFPA requirements.

Applications: Used in any environment where the potential exists for freezing conditions. When used undiluted, Glycerine 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 ensures that the antifreeze solution remains homogeneous.

% of Glycerine 48 Pre-Mix	Freeze Point	Flow Point	Burst Point	Specific Gravity @ 77° F	Viscosity	Density:
100	-15° F	-25° F	-50° F	1.137	6.3 cP	1.132 g/cc

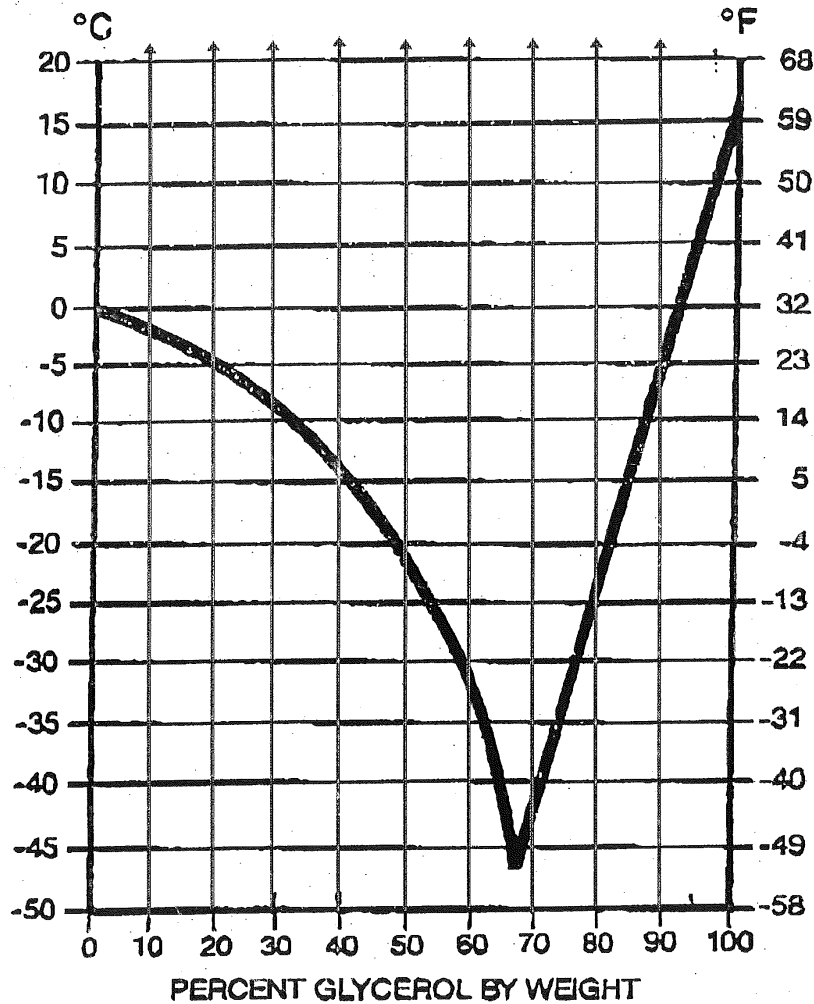
INSTALLATION:

- Empty all water from system and drain sprinkler drops according to NFPA requirements.
- Glycerine mix should be tested prior to introduction to system
- Do not dilute or add concentrate to Glycerine 48% 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 1010228: 5 gallon pail Glycerine 48% Pre-Mix
 Item number 1010227: 55 gallon drum Glycerine 48% 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

Glycerin 48%

7.48 x 9.18Lbs = 86.66 Lbs.

Lbs. per gallon:

5 gallon pail: 46 Lbs.

9.18 lbs

55 gallon drum: 505 lbs

9.18 lbs

275 gallon tote: 2,525 lbs

9.18 lbs

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