



ANTIFREEZE SOLUTION REQUIREMENTS PER NFPA STANDARDS

STANDARD	SECTION	PROPYLENE GLYCOL	GLYCERIN
NFPA 13	*13:19, 8.6.2	Shall be listed for use in sprinkler systems	Shall be listed for use in sprinkler systems
NFPA 13D	13D:19, 9.2.2	Shall be listed for use in sprinkler systems or 38% with AHJ approval	Shall be listed for use in sprinkler systems or 48% with AHJ approval
NFPA 13R	*13R:19, 5.4.2	Follow NFPA 13: Shall be listed for use in sprinkler systems	Follow NFPA 13: Shall be listed for use in sprinkler systems
NFPA 25 All systems installed prior to 9/30/2012	25:17, 5.3.3.4	<p>Before 9/30/2022 Listed antifreeze or:</p> <ul style="list-style-type: none"> ■ Pre-mixed non-listed 30% by volume ■ Pre-mixed non-listed between 30-40% with a deterministic risk assessment and AHJ approval <p>After 9/30/2022</p> <ul style="list-style-type: none"> ■ Listed antifreeze 	<p>Before 9/30/2022 Listed antifreeze or:</p> <ul style="list-style-type: none"> ■ Pre-mixed non-listed 38% by volume ■ Pre-mixed non-listed between 38-50% with a deterministic risk assessment and AHJ approval <p>After 9/30/2022</p> <ul style="list-style-type: none"> ■ Listed antifreeze
NFPA 25 All systems installed after 9/30/2012	25:17, 5.3.3.4.1	Shall be listed for use in sprinkler systems	Shall be listed for use in sprinkler systems

Note: New listed solutions are not required to be glycerin or glycol based as long as they pass UL 2901

*Effective since 2013 version

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