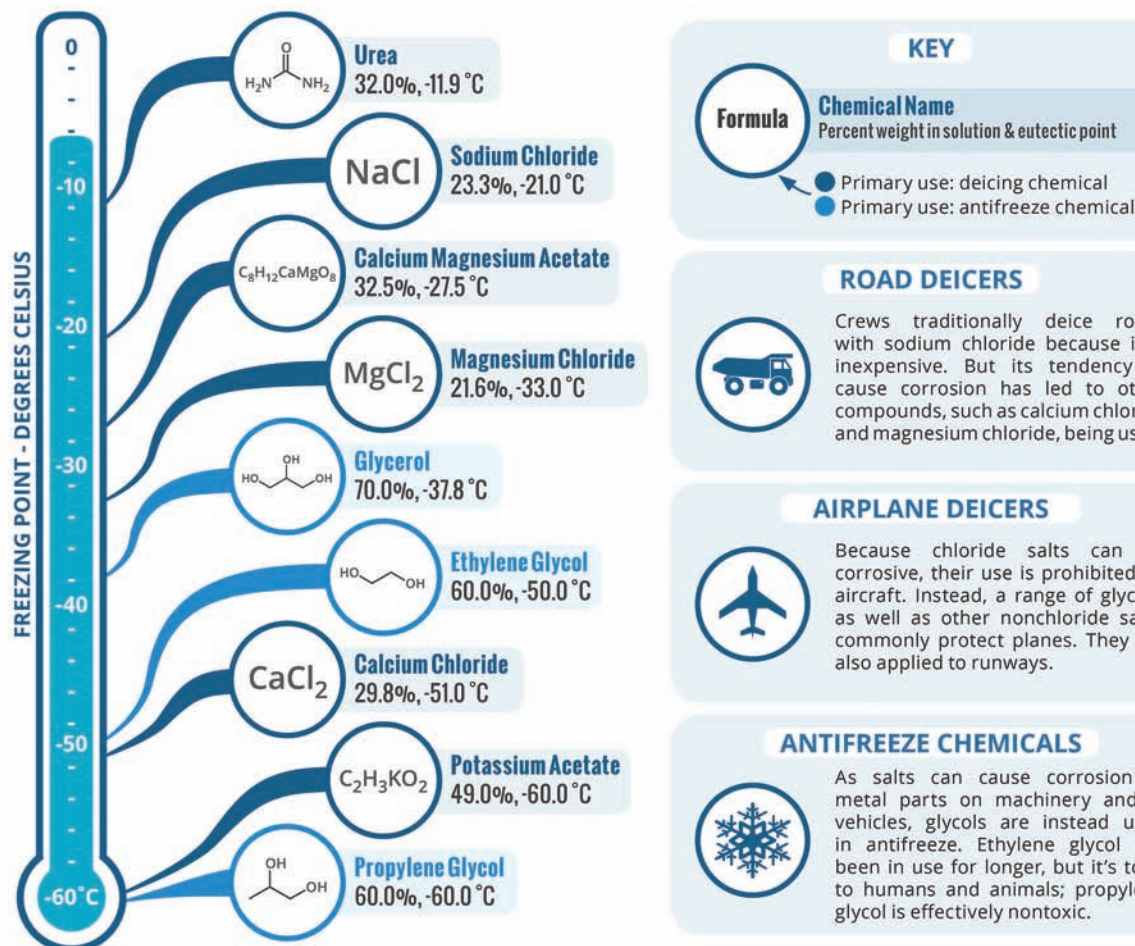


PeriodicGraphics

With Compound Interest

DEICERS & ANTIFREEZE

Deicers “interfere” with water molecules, making it more difficult for H₂O to aggregate and freeze. In this way, they lower the freezing point of water. Each of these chemicals has what is known as a “eutectic point”: the lowest temperature to which they can depress the freezing point of water. This occurs at a particular deicer concentration.



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Periodic Graphics is a collaboration between C&EN and Andy Brunning, chemistry educator and author of the popular graphics blog Compound Interest. To see more of Brunning's work, go to compoundchem.com.