

Freezing point

The graph gives the freezing point for calcium chloride solutions. It should be noted that although CaCl_2 is used for de-icing and as cooling agent, the freezing point increases very rapidly after the eutectic point. E.g. a 40% solution of CaCl_2 starts to precipitate hexahydrate slightly above 10°C whereas a 30% solution stays homogenous below -40°C .

