

The hygroscopic properties of magnesium chloride ($MgCl_2$) and calcium chloride ($CaCl_2$)

Magnesium chloride ($MgCl_2$) and calcium chloride ($CaCl_2$) are hygroscopic products. This means that in dry form the products attract water from the environment. Through the spraying of magnesium chloride or calcium chloride solution on the motorway the road surface remains moist, as a result of which the dust particles do not blow away, but stick to the road. By spraying magnesium chloride or calcium chloride on days on which the maximum percentage of fine dust in the air threatens becoming too high the percentage of fine dust particles will remain below the standard.

