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(54) Title: SYNERGISTIC COMBINATIONS OF CARBOXYLATES FOR USE AS FREEZING POINT DEPRESSANTS AND CORROSION INHIBITORS IN HEAT TRANSFER FLUIDS

(57) Abstract: Aqueous coolants and heat transfer fluids are disclosed. The compositions comprise aqueous solutions of a mixture of a C₁-C₂ carboxylate salt with a C₃-C₅ carboxylate salt. A C₆-C₁₂ acid may also be added to the mixture. The aqueous compositions may further comprise a hydrocarbyl triazole and thiazole. The aqueous compositions have good heat transfer properties, low freezing points and low corrosion properties.