

The proposed invention relates to the production of heat transport agents, in particular cooling liquids designed for cooling engines and using in various heat exchangers. The proposed cooling liquid constitutes a heat transport agent based on calcium chloride. It is used crystalline calcium chloride or calcium chloride as side product in process of the sodium carbonate production using ammonium. The cooling liquid solution contains mixed, anode or cathode corrosion inhibitors that are required to provide anticorrosive properties of the solution. The cooling liquid contains (in percent by mass) the following components: 20-28 % of calcium chloride; 0.30-0.53 % of calcium oxide; 1.6-2.8 % of calcium saccharate; 4.8-6.0 % of sugar; 47.9-73.3 % of water. The proposed cooling liquid based on calcium chloride provides more effective engine heat removal as compared with cooling liquids based on ethylene glycol.