

## Claims

1. Fluid comprising glycerol and potassium acetate in a weight ratio interval of 2:3 to 1:5 with a water content of 55-80 w%, wherein the combined weight of glycerol and potassium acetate constitutes 20-45 w%, up to a maximum of 100 w%.
2. Fluid consisting of glycerol and potassium acetate in a weight ratio interval of 2:3 to 1:5 with a water content of 55-80 w%, wherein the combined weight of glycerol and potassium acetate constitutes 20-45 w%, up to a total of 100 w%.
3. Fluid according to claim 1 or 2, wherein the potassium acetate and/or glycerol are biogenic.
4. Fluid according to any of claims 1 or 3, further comprising anti-corrosive additive(s).
5. Fluid according to claim 4, wherein the anti-corrosive additive(s) are chosen from the group consisting of nitrates, phosphates, silicates, organic acids and benzotriazole.
6. Fluid according to any of claims 1, 3 – 5, further comprising coloring agent(s).
7. Fluid according to any of claims 1 – 6, having a pH in the range of 7 to 9.
8. Fluid according to any of claims 1, 3 – 7, further comprising a buffer system bringing the pH into the range of 9 to 11.
9. Fluid according to any of claims 1 – 8, having a viscosity lower than 18 mPa s at 0 °C and lower than 8 mPa s at 40 °C.
10. Fluid according to any of claims 1 – 9, having a freezing point in the interval from -45 to -10°C.
11. Method of producing a heat transfer fluid, a deicing fluid or a windscreen washer fluid according to any of the preceding claims, comprising

- a) neutralization of aqueous acetic acid with potassium hydroxide or potassium carbonate;
- b1) addition of glycerol to the neutralized solution;
- c) packaging of the solution obtained in containers of volume 1 to 1000 liters.

12. Method according to claim 11, wherein in a step b2) water is fully or partially evaporated.

13. Method according to claim 11 or 12, wherein a buffer system and/or additive is added in step b1).

14. Method according to any of claims 11 - 13, wherein an anti-corrosive additive is added in step b1).

15. Method according to any of claims 11 – 14, wherein the aqueous acetic acid has a concentration of 10-50 w%, the amount of potassium hydroxide or potassium carbonate is equimolar to the acetic acid amount, and the glycerol amount is 20-100 % of the weight of the potassium acetate formed.

16. Use of a fluid according to any of claims 1 – 10 as a heat transfer fluid.

17. Use of a fluid according to any of claims 1 – 10 as a deicing fluid.

18. Use of a fluid according to any of claims 1 – 10 as a windscreen washing fluid.