



*How to stop melting of the ice*

### **Material:**



- salt - sodium chloride,

- ice cubes,
- plate

**Instruction:**

Freeze water into ice in the molds. Then place ice cube in plate. When the ice starts to melt so as to sprinkle salt on 33g attributed to salt 100 g of ice.

**Explanation:**

When the snow or ice sprinkle with salt, obtain a liquid solution having a temperature below  $0^{\circ}\text{C}$ , depending on the concentration of the solution. The lowest temperature of  $-21.5^{\circ}\text{C}$  when the ratio of ice and salt is 3:1.

