

3 to 50; that of wine as 1 to 50. Alcohol burns in the stomach, but does not feed the body.

17. *Does Alcohol give heat to the body?*

Alcohol gives the impression of heat, but it does not really warm the body.

When a man is cold, if he takes a glass of liquor, he at once feels an agreeable sensation, but he is not really warmed; in other terms, the temperature of his body is not raised. Alcohol has simply dilated the arteries and the small capillary veins, by forcing the blood into them with violence, by paralysing the small muscles which serve to compress them. The veins of the skin having been dilated, the skin grows somewhat warmer, and then a sensation of heat is felt more or less keenly. The blood thus cooled returns to the heart, which sends it in this state to all the organs, and the real temperature is gradually lowered.

18. *What is the best proof that we can be protected from cold without taking liquor?*

The best proof is that no Alcohol is used in the countries bordering on the North Pole.