

# Effectiveness of PineHygienic Liquid Care against the Herpes Simplex Virus Type 1\*

## Objectives

Is Wilms® PineHygienic Liquid Care effective against Herpes viruses?

## Approach

The pine heartwood extract was diluted and combined with the HSV-type 1 virus. After 24 hours the samples were evaluated.



## Result

The pine heartwood liquid extract has disinfectant effects. Maximum effectiveness is reached in an incubation period of one hour. Interestingly, there was a significant effect when anti-herpes viraler incubation temperatures of 37 ° C were observed.

## Conclusion

The results of this study show a very strong and inhibiting effect of the pine ingredients on the herpes virus.



## Implementation

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\* Data: Kühn, Joachim(2006) : Study of the efficacy of watery pine heartwood extract for Herpes Simplex-Virus Type 1.

