



## **DURASOL HAND SANITISER GEL**

The product contains in excess of 70% alcohol meeting World Health Organisation guidelines on hand hygiene in healthcare (2010).

### **Formulation Background**

Durasol Hand Sanitiser Gel is an ethanol-based formulation.

The product has taken as its starting point the guide formula recommended by the WHO commonly referred to as Formulation 1 from "Guide to Local Production: WHO-recommended Handrub Formulations", revised April 2010.

This formulation has been modified to increase its viscosity thereby significantly improving convenience for the end user.

The level of ethanol present is 70% by volume.

We note, without making any claims, the HSE website states:

*"Public Health England has advised that hand sanitisers should have 60% or higher alcohol content to be effective against the COVID-19 virus."*

<https://www.hse.gov.uk/news/hand-sanitiser-manufacture-supply-coronavirus.htm#>

In addition to ethanol, the product contains as per the WHO guidelines a small amount of hydrogen peroxide which acts only as an "in-can" preservative and a small amount of glycerine acting as an emollient.

The thickening effect has been achieved by the use of a widely used acrylate type thickener (*INCI descriptor: Aqua, Acrylates/ beheneth-25 methacrylate copolymer, Sodium Lauryl Sulfate*), from a highly reputable supplier which is approved for use in cosmetic formulations.

This component carries no hazard classification under the CLP regulation (Regulation (EC) 1272/2008 as amended).

The balance of the formulation is water. No perfumes or colorants have been added.