

## Statement

# Hand Sanitizer

### Technical Support:

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Sasol Base Chemicals  
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## Suitable Base Chemicals Products for Hand Sanitizer Application

Dear Customer,

Base Chemicals has noticed a rise in demand and request for information for both Sasol Ethylol 95 and Isopropylol which is likely to be linked to the rise in demand for disinfectant and hand sanitizer due to the Corona Virus outbreak. Base Chemicals hereby notify all customers that Sasol Ethylol 95 and Isopropylol are unsuitable for use in hand sanitizer formulations. These products are not pure products and contain many impurities with negative effect on human health.

Ethanol 95E5 contains ethyl acetate which is not part of the WHO recommendations for hand rub, thus Base Chemicals do not support the use of Ethanol 95E5 in hand sanitizer formulations. Methanol is highly toxic and should not be used in hand sanitizer formulations.

Base Chemicals products suited to applications with direct contact with human skin are products which have rigorous purification processes and where the impurity profiles are well characterized such as Sasol n-Propanol, Ethanol 99.9UN and Isopropyl Alcohol. Ethanol 99.9UN has antiviral properties and Isopropyl Alcohol and n-Propanol have antibacterial properties. Base Chemicals therefore recommends a combination of Ethanol 99.9UN with Isopropyl alcohol/n-Propanol for use in hand sanitizer formulations. Base Chemicals will make a suitable product available to the South African market as soon as possible.

Customers are required to research their own formulations as well as the regulations governing the Hand Sanitizer application.

### Disclaimer:

- a) *This statement replaces all earlier statements from Sasol on the above mentioned topic(s). Please contact Sasol regularly for up-to-date regulatory information.*
- b) *This statement will remain valid until replaced by a newer version from Sasol on the above mentioned topic(s).*
- c) *Sasol provides this information in good faith, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular use*
- d) *We trust that you will benefit from this information to ensure the safe and environmentally responsible use, handling and application of the product. You are reminded of your obligation to conduct your own risk assessments and analysis to ensure meeting legal requirements for further use and application of this product.*
- e) *The information provided herewith does not deviate from the product specification or terms and conditions contained in the sales agreement.*

Sincerely,

Megan Kirk  
Senior Technical Advisor