

Hand Sanitizer & Surface Sanitizer



sasol

Technical Support:

Sasol Place
50 Katherine Street
Sandton 2090
South Africa
Tel: +27 (0)10 344 5000

Date : 30 September 2021
Ref no : TS.Sol.2021.09.20-032

Base Chemicals
Technical Services and Product Stewardship
www.sasol.com

Statement: Suitable Base Chemicals Products for Hand Sanitizer and Surface Sanitizer Applications

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 (surface sanitizer) and hand sanitizer due to the Corona Virus outbreak. Base Chemicals hereby notifies all customers that Sasol Ethylol 95, Isopropylol, Ethyl Alcohol Precut, Non-coloured Ethylol, Propylol and Ethylol SD 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 Ethanol 99.9UN, Isopropyl Alcohol and n-Propanol, all of which are approved in SANS 490:2020. Sasol Ethanol 95 IPA is a blend of Sasol Ethanol 99.9UN and Sasol Isopropyl Alcohol and is suitable for Hand Sanitizer manufacture.

Sasol Ethylol 95, Isopropylol, Ethyl Alcohol Precut, Ethylol SD, Non-coloured Ethylol and Propylol are all technical grade alcohol products and all are suitable for the production of surface sanitizer. Base Chemicals does not support the use of Sasol Methanol TG or Methanol in the production of surface sanitizer.

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

Sasol Chemicals is in possession of ISO 9001:2015 certification. Customers should ensure all manufactured products comply with all legal requirements and SANS published standards.

Sasol Chemicals accepts no liability whatsoever for reliance on this content, which content is for information purposes only and subject to change from time to time.

Please contact us at BaseChemicalsAlcoholForSanitizers@sasol.com if more information is required.

Base Chemicals

Sasol Place, 50 Katherine Street, Sandton, 2090, South Africa PO Box 2525 Randburg 2000 South Africa
Telephone +27(0) 10 344 5000 www.sasol.com

Yours faithfully,

Megan Kirk
Senior Technical Advisor

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) *This statement contains information provided in good faith and is indicative, based on Sasol's current knowledge on the subject. 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.*