

NBRI scientists develop herbal hand-sanitiser

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New Delhi, April 19 (India Science Wire): As the demand for sanitizers has increased amid coronavirus outbreak, various laboratories have started the production of sanitizers. In one such endeavour, researchers of the National Botanical Research Institute (NBRI) have developed alcohol-based herbal sanitizer. The product is developed under Council of Scientific and Industrial Research (CSIR)-Aroma Mission as per the World Health Organisation (WHO) guidelines.



This sanitizer contains Tulsi essential oil as herbal constituent, which is strong natural antimicrobial agent, and 60 percent of isopropyl alcohol for killing germs. The product is validated scientifically for its strong germ-killing activity. “This hand sanitizer has been clinically tested and found to be ‘highly-effective’ against surface microbes. Its impact lasts for about 25 minutes and it prevents skin from dehydrating,” said Dr (Prof.) S K Barik, Director, NBRI. In clinical trials done on the pathogen (*Staphylococcus epidermidis*) harmful to human skin and found on surfaces, the herbal sanitizer has been found to be effective.

The know-how of the product and the technology has been transferred to M/s. Sadguru Biologicals Pvt. Ltd, Lucknow. Dr Barik said that the product will be available in the market soon under the brand name of ‘Clean Hand Gel’ as given by the company. (India Science Wire)

Keywords: herbal-hand sanitizer, clean hand gel, tulsi essential oil, NBRI

