

WHO-RECOMMENDED HANDRUB FORMULATION 2 (PROPANOL)

This high alcohol content hand rub is produced in the UK to a World Health Organisation (WHO) formulation. Please note that this formulation is NOT a gel and has a watery composition. According to the available evidence on efficacy, tolerability and cost effectiveness, WHO recommends using an alcohol-based handrub for routine hand antisepsis in most clinical situations. With regard to skin reactions, hand rubbing with alcohol based solutions is better tolerated than hand washing with soap and water. In a recent study conducted among ICU health-care workers, the short-term skin tolerability and acceptability of WHO-recommended handrub formulations were significantly higher than those of a reference product.



Efficacy

It is the consensus opinion of a WHO expert group that WHO recommended handrub formulations can be used both for hygienic hand antisepsis and for pre-surgical hand preparation.

Hygienic Handrub

The microbicidal activity of the two WHO-recommended formulations was tested by WHO reference laboratories according to EN standards (EN 1500). Their activity was found to be equivalent to the reference substance (isopropanol 60% v/v) for hygienic hand antisepsis

Final concentrations:

- Isopropyl alcohol 75% (v/v),
- Glycerol 1.45% (v/v),
- Hydrogen peroxide 0.125% (v/v)

Specification

Parameter	Units	Minimum value	Maximum value	Typical value	Notes
Manufactured to WHO Formulation					Complies
Efficacy to EN1500					Complies
Density @20°C	g/ml	0.865	0.869		

Use: Apply a palmful of alcohol-based handrub and cover all surfaces of the hands. Rub hands until dry. Manufactured to a formulation recommended in World Health Organization publication 'WHO Guidelines on Hand Hygiene in Health Care' (ISBN 978 92 4 159790 6). Contains: isopropanol, glycerol and hydrogen peroxide. Use biocides safely. Always read the label and product information before use.

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CAS No: Mixture

Specification correct at time of issue but is subject to change without notice. It is the users responsibility to verify the material is suitable for the required application.

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Product code	Description	Price
1231391	10L WHO--Recommended Handrub Formulation 2 (Propanol)	£95
1231403	4x10L with pump WHO--Recommended Handrub Formulation 2 (Propanol)	£345
1231402	Pump Only for 10L Jerrycan	£15

Manufactured in the UK.

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