

TECHNICAL SAFETY DATA SHEET

HD 300 RSA - Alcohol Solution 70%

CERTIFICATION:

Active% :

Certified compliance in accordance with EN 1276 / LOG 5 / >99.999%

Iso Propyl Alcohol (IPA)

Total alcohols content by volume – 70% (W.H.O GUIDELINE)

Benzalkonium Chloride (< 1.0%)

Section 1. Product Description and Picture

Efficacy Test	:	Scientifically tested & lab certified for bactericidal efficacy against & amongst other strains :
		<ul style="list-style-type: none"> - Pseudomonas aeruginosa (DSM 939 ATCC 15442) - Escherichia coli (DSM 682 ATCC 10536) - Staphylococcus aureus (DSM 799 ATCC 6538) - Enterococcus hirae (DSM 3320 ATCC 10541)
Type / method	:	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectant and antiseptics used in food , industrial , domestic and institutional area's by using the Test method and requirements of phase 2 step 1 (BS EN ISO 1276:2009)

Section 2. Technical Data

Country	:	SA
Certification Body	:	Intertek
Temperature	:	+ / - 20 Degrees Celsius
Concentrate	:	NEAT = (80% of concentrate , no dilution)
Contact Time	:	60 Seconds (1 minute)
Min Kill Ratio	:	> 99.999% - (> 5 log reduction / 6.26)

Log Chart	Log Reduction	Number of CFU remaining	Percentage Reduction
	0 log	1,000,000	0%
	1 log	100,000	90%
	2 log	10,000	99%
	3 log	1,000	99.9%
	4 log	100	99.99%
EN1276 Min Spec	5 log	10	99.999%
	6 log	1	99.9999%

Section 3. Properties

Water soluble, contains aqua, iso-propyl alcohol, glycerol, preservative, fragrance & colorant.

Manufactured free from methanol , hexane , acetone , ethyl acetate , methyl ethyl ketone & other impurities including non-distilled ethanol

Section 4. Method of Application

Used daily for hand sanitizing application in all industries.

HYGIENE DISPOSABLES

1 Bushbuck Close - Unit 2, Corporate Park - South, Midrand

Tel: +2711 314 0714 • E-mail: sales@hyg.co.za • Web: www.hyg.co.za

Section 5. Advantage

Gentle on skin, contains skin softening agent.
High percentage alcohol as per the W.H.O recommended guideline.
Easy to use, good spreading & quick drying.
Effective cost in use.
Pleasant soft, fragrance.
Independently tested for conformance & efficacy.
EN 1276 standards applied.
Purified & distilled alcohols used.

Dilution : Used as is, no dilution required.
Spray 2ml - 5ml on hands and rub in.

Section 6. Other Data

Colour	:	Light blue
P.h	:	Neutral range
Odour	:	Alcohol
Appearance	:	Non viscous liquid
Dissolvable	:	In water / alcohol
Flashpoint C	:	>15

Section 5. Health and Safety Precautions

Storage

Cool storage. Avoid sunlight. Keep the container sealed. Do not use near open flame. Keep out of reach of children

Eyes

Avoid eye contact. Goggles

Eyes should immediately be washed out with copious volumes of water or eye wash solutions.

Ingestion

Do Not Ingest.

Seek medical attention.

Flamable

Other info

Alcohol Solution 70% is a must have product in all industries that demands an easy to use & effective, waterless, liquid hand sanitizer spray.

Technical Assistance

The Technical Sales Representative will provide assistance as required to the customer, before, during and after a trial. Should any problem arise with the application of the product, the Technical Sales Rep should be contacted immediately.

Head Office contact number is: 011-314 0714

The information contained herein is based on our best current technical knowledge of the product concerned and is given in good faith. The attention of end users is drawn to (amongst other things) the element of risk consequent to the use of the product for purposes other than that for which it was intended. In no way does the document remove the need for the user of this product to fully understand and apply statutory requirements. It is the user's sole responsibility to take due precautions relative to the use made of the product. All the information included herein is intended onto to assist the reader in fulfilling his or her statutory duty connected with the use of hazardous materials. This list of information must not be considered as exhaustive and does not exonerate the reader from taking other precautions described in documents other than those mentioned concerning the storage and use of the product for which he or she remains the sole person responsible.

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