

**NAMS/SANS 490:2020**

First Edition

**SANS 490:2013**

## **NAMIBIAN STANDARD**

### **Disinfectant alcohol-based hand rub**

This Namibian standard is the identical implementation of SANS 490:2013 and is adopted with the permission of the South African Bureau of Standards

---

Published by the Namibian Standards Institution (NSI)

**Established by section 2 of the Standards Act, 2005 (Act No 18 of 2005)**

Channel Life Tower, M1 Floor, Post Street Mall

P.O. Box 26364 Windhoek, Namibia

Tel +264-61-386400, Fax +264-61-386454, Website: [www.nsi.com.na](http://www.nsi.com.na)

© NSI



Licensed by NSI to NSI for internal use only

DOWNLOADED:25/06/2020

Single-user licence only, copying and networking prohibited.

# **NAMS/SANS 490:2020**

First Edition

## **SANS 490: 2013**

### **Foreword**

This Namibian standard is the identical implementation of SANS 490:2013 as approved by NSI TC 14 in accordance with the pursuance of the section 17 of the Government Gazette No. 7194, the NSI may during the State of Emergence, under section 20(1) of the Standards Act, 2005 (Act No. 18 of 2005) set, establish, and issue a Namibian standard, without having to follow the procedures for setting, establishing, issuing of a Namibian standard set out in the Standards Regulations published under Government Notice No. 249 of 20 September 2005.

Publication date: 29 April 2020

Downloaded by: NSI for internal use only

DOWNLOADED:25/06/2020

Single-user licence only, copying and networking prohibited.

ISBN 978-0-626-29254-6

**SANS 490:2013**

Edition 1.1

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Disinfectant alcohol-based handrub**

---

Published by SABS Standards Division  
1 Dr Lategan Road Groenkloof ☒ Private Bag X191 Pretoria 0001  
Tel: +27 12 428 7911 Fax: +27 12 344 1568  
[www.sabs.co.za](http://www.sabs.co.za)  
© SABS

**SABS**

---

Licensed by NSI to NSI for internal use only  
DOWNLOADED:25/06/2020  
Single-user licence only, copying and networking prohibited.

**SANS 490:2013**  
Edition 1.1

**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
Amdt 1	2013	Amended to update referenced standards and to delete standard conditions for relative humidity.

**Foreword**

This South African standard was approved by National Committee SABS/TC 1022, *Antiseptics, disinfectants and detergent-disinfectants*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in September 2013.

This document supersedes SANS 490:2008 (edition 1).

A vertical line in the margin shows where the text has been technically modified by amendment No. 1.

A reference is made in 6.1.1 to suitable methods of packing as given under "the relevant national legislation". In South Africa this means the Trade Metrology Act, 1973 (Act No. 77 of 1973).

A reference is made in 6.2 to regulations promulgated under "the relevant national legislation". In South Africa this means the Trade Metrology Act, 1973 (Act No. 77 of 1973) and the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972).

Disinfectants for use on skin shall be registered with the Medical Control Council in South Africa.

Annexes A and B form an integral part of this document. Annex C is for information only.

## Contents

	Page
Foreword	
<b>1</b> Scope .....	3
<b>2</b> Normative references.....	3
<b>3</b> Definitions .....	3
<b>4</b> Requirements.....	4
<b>4.1</b> Types.....	4
<b>4.2</b> Bactericidal efficacy .....	4
<b>4.3</b> Storage stability.....	4
<b>4.4</b> Freedom from visible impurities .....	4
<b>4.5</b> Dermal irritation.....	4
<b>5</b> Inspection and methods of test.....	4
<b>5.1</b> Inspection .....	4
<b>5.2</b> Bactericidal efficacy .....	4
<b>5.3</b> Storage stability.....	5
<b>5.4</b> Freedom from visible impurities .....	5
<b>5.5</b> Dermal irritation.....	5
<b>6</b> Packing and marking .....	5
<b>Annex A</b> (normative) Note to purchasers .....	7
<b>Annex B</b> (normative) Sampling and compliance with this standard .....	7
<b>Annex C</b> (informative) Quality verification of disinfectant alcohol-based handrub .....	8
<b>Bibliography</b> .....	9