



**MATERIAL SAFETY DATA SHEET**

**Capebio™ Scrub (contains 4% CHG)**

Version No: 1

Date Issued: 29.07.2020

**PRODUCT IDENTIFICATION**

**Product Information**

Commercial product names	Capebio™ Scrub (Surgical soap)
Product code	CBS5000
Product quantities	1 L   5 L
Intended uses	Antimicrobial/ antiseptic for personal care

**Details of the supplier of the safety data sheet**

Manufacturer's address	CapeBio Technologies (Pty) Ltd Unit 2, Parkside Office Park Highveld Technopark Centurion 0157
Email	<a href="mailto:sales@capebiososa.com">sales@capebiososa.com</a>
In case of emergencies	<a href="mailto:support@capebiososa.com">support@capebiososa.com</a> or +27(12) 665 2600

**Composition/Information on ingredients**

Antiseptic Scrub with 4% Chlorhexidine Gluconate (CHG)

Ethanol	<5 % v/v
Chlorhexidine Gluconate	4 % v/v
Colour	<5 % w/v
Purified water	>75 % v/v

**HAZARDS IDENTIFICATION**

**Hazard description**

This is a personal care product that is safe for consumers to use according to labelled directions.

S2	keep out of reach of children
S7	keep container tightly closed
S25	avoid contact with eyes

**Potential health effects**

Inhalation	may cause respiratory irritation, dizziness, nausea or headache
Ingestion	may cause nausea and diarrhoea if swallowed
Skin	may cause irritation, redness or swelling
Eye	may cause acute inability to see

**Label elements**

**NFPA ratings (Scale 0-4)**



Health = 0  
Fire = 0  
Reactivity = 0

**HMIS RATING (Scale 0-4)**



Health = 0  
Fire = 0  
Reactivity = 0

**FIRST AID MEASURES**

**Description of first aid measures**

Eyes	Eye contact may cause minor irritation. Redness or stinging may occur. Hold eyelids open and flush eye with gently running water for 15 minutes. Seek medical attention promptly if irritation persists.
Skin	May cause mild irritation. May aggravate Dermatitis. Remove contaminated clothing and wash skin with water. If irritation (redness, itching, swelling) develops, seek medical attention. Launder contaminated clothing before use.



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Ingestion	Accidental ingestion may cause irritation. Give large amounts of water to drink, do not induce vomiting. Consult physician or poison control centre.
Inhalation	Remove patient to fresh air. If respiratory irritation, dizziness, nausea or headache occurs, seek immediate medical attention. Apply artificial respiration if breathing stops.

### Notes to physicians or first aid providers

There is no known antidote for overexposure. The use of activated charcoal is not expected to be clinically beneficial and may obscure visualisation during endoscopy. Treat symptomatically.

## FIRE FIGHTING

### Fire fighting instructions

Evacuate personnel to safe area. Move containers from area if it can be done without risk. Wear protective clothing and positive-pressure, self-contained breathing apparatus with full protective gear.

Flammable limits in air	Unknown
Flash point	Unknown
Extinguishing media	Water, chemical foam, dry chemical, carbon dioxide
Special firefighting procedures	Normal personal protection and self-contained breathing apparatus
Unusual fire and explosion hazards	incomplete combustion may produce CO
Hazardous decomposition products	None known

## ACCIDENTAL RELEASE MEASURES

### Use of personal protective equipment

Use of appropriate PPE during clean-up to minimize exposure to this material. Evacuate personnel from the area.

### Initial containment

Prevent material from entering sewers, waterways, or low areas. Use dikes to contain spilled material and retain for later disposal.

### Spill clean-up

Ventilate area well. Take measures to prevent static discharge. Vacuum or mop up liquid and place in a container suitable for chemical waste. Thoroughly wash area with detergent and water. Dispose of all solid waste, wash and rinse with water in accordance with local regulation.

## HANDLING AND STORAGE

### Information for safe handling

Do not expose to eyes, skin or on clothing. Do not taste. Wash hands thoroughly after handling. Use adequate ventilation.

### Information storage

Do not expose to extreme temperatures. Avoid freezing and avoid contact with strong acids. Store in an airtight container in the dark. Store at room temperature. Keep from contact with oxidizing materials.

## EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Personal protection

This is a personal care product that is safe for consumer use as directed. Use normal personnel protection if hazards exist. Wear safety glasses with side shields. Wear impervious clothing such as gloves, laboratory coats, shoe covers, apron, jumpsuits, or as appropriate to prevent skin contact. Consult the site safety professional for additional guidance as needed.

### Engineering controls

Handle materials under adequate ventilation. Keep container tightly closed when not in use.

## PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Viscous liquid
Colour	Clear Pink (bubbly bright pink when shaken)
Odour	Characteristic fresh odour
Physical state	Gel
pH as supplied	3.0 – 6.5
Boiling point	99 °C



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Freezing point	Not Known
Specific gravity (H <sub>2</sub> O = 1)	1.015
Solubility in water	Miscible

## STABILITY AND REACTIVITY

### Chemical stability

Low stability hazard expected at normal storage and operating temperatures.

### Reactivity

Not expected to be reactive.

### Conditions to avoid

Do not expose to extreme temperatures. Avoid freezing.

### Materials to avoid

Avoid contact with strong acids, strong alkalis and reducing agents. Will react with strong oxidizing agents. Incompatible with soaps and other anionic materials.

### Hazardous decomposition or by-products

Will not decompose under conditions of usual handling. Heating and alkaline pH promotes decomposition with the production of trace levels of 4-chloroaniline.

## TOXICOLOGICAL INFORMATION

Inhalation	moderately irritating to mucous membranes
Ingestions	may cause nausea and vomiting. Aspiration may cause lung damage
Skin	may cause irritation and reddening
Eye	vapour may irritate the eyes. Liquid or mist may irritate or damage the eyes
Chronic	long term exposure by swallowing or repeated inhalation may cause degeneration changes in the liver, kidneys, gastrointestinal tract and heart muscle.

## ECOLOGICAL INFORMATION

No known safety factors for normal use or accidental spillage. Packaging containers are recyclable and non-biodegradable. No information known for chemical fate information.

## RECOMMENDED DISPOSAL

### Disposal methods

Wash empty containers with water. Waste materials may be incinerated under controlled conditions where permitted. Refer to local waste management authorities for other approved methods. Empty containers should be decontaminated by rinsing with water prior to disposal.

## TRANSPORT INFORMATION

Disposal of material must be in accordance with local regulations.

## REGULATORY INFORMATION

None of the ingredients is listed. no scheduled poison possibility  
Hazardous according to criteria of NOHSC  
Dangerous goods according to south African dangerous goods code (SADGC)

## OTHER INFORMATION

### Distributors



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CapeBio Technologies (Pty) Ltd and Collaborating Partners

### Further information

The information provided in this MSDS Sheet is correct to the best of the manufacture's knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified. This product does not contain Hazardous Air Pollutants (HAPs) and complies with the prescribed standards required. The information was diligently investigated by qualified professionals as required and shall not be considered as all-inclusive and must be used only as a guideline. All materials and mixtures may present unknown hazards and should be used with diligence and caution. The Company shall not be held liable for any damages and losses resulting from handling of the product, bearing that this document does not provide warranty (expressed or implied), including of the merchantability for any particular purpose.