



TECHNICAL DATA SHEET (TDS)

DERMADROP ALCOHOL FREE SURFACE SANITISER

NRCS Registration No - Act 29 GNR 529/237686/040/0073
Category D1

NSF Registration No – 158205 –

SANS 1853:2017 – Disinfectants, Detergent-Disinfectants and Antiseptics for use in the food industry,
Permit No: 6981/10346



A Chlorhexidine, multi-chain QAC based type 1, liquid, disinfectant with a 12% total active purity.
Earth Quat is suitable for use in the food industry on hard surfaces or in a made up solution for soaking and dipping.
Ideal for all Food contact surfaces, food processing plants, butcheries, hatcheries,
Vehicle disinfection for bio security

Product Spectrum

Surface disinfectant suitable for use in the food industry.
Surface disinfectant suitable for use in the agricultural industry

Appearance & Application

Clear blue liquid.
Apply via foaming machine, high pressure machine or by hand application.
Product may be applied via spray bottle.
Only use product on a cleaned surface.
Product is more effective when used on an alkaline surface

Dilutions

Dilute only with water.
Do not mix with other chemicals or incompatible materials e.g. soaps and anionic detergents. Use diluted product within 7 Days.

DOSAGE & DIRECTIONS

Hard Surface Bactericidal	1:100 - 10 ml/Lt - 1%	Dilute with water. Apply via spray, foam, high pressure Use 400ml diluted product per square meter Allow a 5 minute contact time Rinse with cold water when used in processing plants
Hard Surface Fungicidal / Yeasticidal	1:10 - 100 ml / Lt - 10%	Dilute with water. Apply via spray, foam, high pressure Use 400ml diluted product per square meter Allow a 15 minute contact time Rinse with cold water when used in processing plants



Hard surface Sporidical	1:10 - 100 ml / Lt - 10%	Dilute with water. Apply via spray, foam, high pressure Use 400ml diluted product per square meter Allow a 60 minute contact time Rinse with cold water when used in processing plants
Vehicle Rinse	1:200 - 5 ml/ Lt - 0.5 %	Apply via spray / foam machine / high pressure
Foot Dip	1:100 - 10 ml/Lt - 1%	Fill bath with made up solution. Replace solution daily or as per traffic and organic matter

Earth Quat

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Version: 8

Page 2 of 2

Microbial Efficacy

SANS 51276 - Bactericidal @ 1: 100 with a 5 minute Contact time @ 5°C & 20°C = Log 7 (99.99999 % kill) - Escherichia coli, Staphylococcus aureus, Pseudomonas aeruginosa, Enterococcus hirae, Listeria monocytogenes

SANS 51650 - Fungicidal & Yeasticidal @ 1:10 with a 15 Min Contact time = Log 6 (99.9999 % kill) - Aspergillus brasiliensis
- Candida albicans

SANS 53704 - Sporidical - @ 1: 10 with a 60 min Contact time = Log 5 (99.999 % kill) - Bacillus subtilis spores

Virucidal – @ 1:200 - 5 min contact - Log 4 - Newcastle Virus (NCD), Log 6 - Infectious Bursal Disease (Gumboro)

NSF Registered

Registered as a hard surface disinfectant in the food processing industry, requiring a rinse. Category code D1 Not registered for use in the United States of America.

Product benefits

Water Quat is High Foaming which makes the application easy and effective.

Water Quat is effective over a wide temperature and pH range.

Water Quat has excellent Bactericidal, Fungicidal, Yeasticidal, Sporidical and Virucidal properties.

Water Quat is a broad spectrum disinfectant containing 3 anti-microbial ingredients.

Water Quat is safe for use as a vehicle wash at a 1:200 concentration.

Water Quat is non corrosive when used at recommended concentrations.

Composition

Multi-chain Quat: 8 – 14 % (80 – 140ml / Lt)

Chlorhexidine Gluconate: < 5% (50ml/Lt)

Non-ionic surfactant & Emulsifier: 1 – 5% - (10-50ml /Lt)

GHS Identification:

Warning





PPE

Handling, Decanting & Using

Gloves, Goggles, Personal Protective Clothing, Apron, Gumboots.

Dust masks recommended for sensitive persons.



First Aid



SKIN	EYES	INHALATION	ORAL
Wash off with plenty of water for 15 minutes.	Rinse cautiously with water for several minutes, remove contact lenses if safe and easy to do so, continue rinsing and get medical attention	If INHALED remove person to fresh air and keep comfortable for breathing.	Do NOT induce vomiting
If skin irritation continues, get medical attention.			Drink water / milk / egg white
	Consult a Doctor		Consult a Doctor

Storage

Store at approximately 23°C in a cool dry area.

Keep away from sunlight, children and food stuffs.

Proper Shipping Name

Not classified or regulated

Available in

1Lt, 5Lt, 25Lt, 210Lt, 1000Lt