



Product Specification Safety Data Sheet

1. Product Identification

Product Name: Leucillin®
 Other Names: Aqueous Hypochlorous Acid
 General Use: Topical Antiseptic
 Chemical Name: Hypochlorous Acid
 Chemical Family: Water

Company Identification:
 Unit 14J,K&L Hybris Business Park, Crossways
 Dorset, DT2 8BF
 Telephone: 0345 548 9800

2. Product Information:

Chemical Name	CAS-No	EINECS-No	Wt./Vol %	Symbols
Sodium chloride	7647-14-5	231-598-3	0.6	NaCl
Hypochlorous acid	7790-92-3	232-232-5	0.03	HOCl
Water	7732-18-5	231-791-2	99.37	H ₂ O

Comments: product ranges shown are typical values for Health, Safety and Environmental purposes and are not intended to be used as Specifications.

3. Hazard Identification:

Physiochemical effects: Not classified. No hazard expected under normal conditions of use.
 Human health effects: Not classified. No hazard expected under normal conditions of use.

4. First-aid measures:

Inhalation: Non-irritating. If ill effects occur, remove to fresh air and seek medical attention.
 Ingestion: Do not induce vomiting. If ill effects occur, give plenty of water to drink and seek medical attention.
 Skin contact: Non-irritating. If ill effects occur, remove contaminated clothing, wash skin with plenty of water and seek medical attention.
 Eyes: Non-irritating. If ill effects occur, flush eyes with plenty of water for several minutes and seek medical attention.

5. Fire-fighting measures:

This product is not flammable.

6. Accidental Release measures:

Wash to waste.

7. Handling and Storage:

Handling: No special precautions necessary.
 Storage: Store in a closed, dark container at less than 25°C.

8. Exposure control / personal protection:

No recommended or established controls for this product.

9. Physical and Chemical Properties:

Colourless, odourless aqueous solution with pH 5.5 - 6.5

10. Stability and Reactivity:

No hazardous reactions are known if used for its intended purpose. Mixing with strong acid can cause the release of chlorine (toxic) gas.

Stable under normal temperature and pressure conditions.

Product should only be stored in the container in which it is supplied.

Shelf life 18 months when stored in sealed container.

11. Toxicological Information:

LD₅₀ (oral) > 10000 mg/kg < 40000 mg/kg

LD₅₀ (dermal) > 10000 mg/kg

Inhalation LD₅₀ - not available

12. Ecological Information:

No environmental hazards identified.

13. Disposal Consideration:

Flush to drain.

14. Transport Information:

Not classified for transport by RID/ADR, IMDG, IATA
 Proper shipping name: Not applicable

15. Regulatory Information:

The product is not classified as dangerous according to EU-directive 1999/45/EC.
 Labelled in accordance with EU directives.

16. Other Information:

The product is a weak aqueous solution of hypochlorous acid intended for use as a biocide. Risk phase key 31 - contact with acid liberates a toxic gas. Contact with metal may lead to corrosion. Rinse exposed metal areas with water after use.

Disclaimer: The above information is based on the state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or the specification of the product. No warranty is given if the product is used for any other purpose other than that suggested, recommended or declared on the product label or brochure. The user must satisfy him/herself that the product is entirely suitable for his/her purpose.



17. Product Testing and Standards Achieved

Product Name: Leucillin®

BACTERIAL TESTING

EN 13727

TEST ORGANISMS
Staphylococcus aureus
Pseudomonas aeruginosa
Enterococcus hirae

EN 1500:2013-07

on porous material as a hand and skin sanitiser

TEST ORGANISMS
Escherichia coli K12 NCTC 10538

EN 1656:210+AC:2010

TEST ORGANISMS
Pseudomonas aeruginosa
Staphylococcus aureus
Proteus hauseri (vulgaris)
Enterococcus hirae

EN 16437:2014-04 modified *A.

on porous material

TEST ORGANISMS
Staphylococcus aureus

EN 16437+A1:2020-03

on porous material
Longevity test, product 12 months +

TEST ORGANISMS
Proteus mirabilis
Enterococcus faecalis

EN 16437+A1:2020-03

Dirty Conditions on porous material

TEST ORGANISMS
Proteus mirabilis
Klebsiella pneumoniae
Klebsiella oxytoca
Enterobacter aerogenes
Acinetobacter baumannii
Enterococcus faecalis
Staphylococcus aureus

FUNGAL TESTING

EN 16437:2014-04 modified*

on porous material

TEST ORGANISMS
Candida albicans

EN 16437+A1:2020-03

on porous material
Longevity test, product 12 months +

TEST ORGANISMS
Candida albicans
Mucor racemosus

EN 1657:2016-06

TEST ORGANISMS
Candida albicans

EN 16437+A1:2020-03 modified*

TEST ORGANISMS
Candida auris

EN 13697+A1:2019-08

TEST ORGANISMS
Candida auris
Mucor racemosus

VIRAL TESTING

EN 14476:2013+A2:2019 Annex A*

(informative - Enveloped viruses)

EFFECTIVE AGAINST
Poxviridae
Herpesviridae
Filoviridae (e.g. Ebola, Marburg)
Flavivirus
Hepatitis C Virus (HCV)
Hepatitis Delta Virus (HDV)
Influenza Virus
Paramyxoviridae
Rubella Virus
Measles Virus
Rabies Virus
Coronavirus (e.g. SARS, MERS)
effective against all enveloped viruses, therefore includes all coronaviruses and SARS-CoV-2
Human Immunodeficiency Virus (HIV)
Human T Cell Leukemia Virus (HTLV)
Hepatitis B Virus (HBV)

