



Material Safety Data Sheet

Date of Issue: 15 April 2016

Revision Date: 16 September 2019

Revision Number: 04

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING.

1.1. Product identifier

Product Name	Eco-Lyte NTL Anolyte
Type of product	Liquid

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use/purpose:	Disinfectant
Industrial / Professional use spec	Industrial use For professional use
Uses advise against	No information available

1.3. Supplier details

Blendwell Chemicals (Pty) Ltd 35 Richards Drive Midrand South Africa Tel : 011 805 9940 Fax : 011 805 9945

1.4. Emergency telephone number

011 805 9940
082 374 9417

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance /mixture

Classification according to SANS 10234:2008

Not classified

2.2. Label elements

Classification according to SANS 10234:2008

No labelling classification applicable

SECTION 3: COMPOSITION/INFORMATION ON THE INGREDIENTS

Component	%	CAS No
Active Chlorine Compounds (CL ₂ and HClO)	0.001 – 0.09%	7782-20-5



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SECTION 4: FIRST AID MEASURES

Inhalation	No toxic effects, however, during generation of Anolyte, particularly its strong form, unless there is adequate ventilation there may be a build-up of fumes which may cause dizziness and nausea.
Skin contact	No effect under normal conditions of use but sensitivity may arise if contact is made with open wounds/cuts.
Eye contact	Flush eyes with clean water for at least 15 minutes and consult a doctor as soon as possible.
Ingestion	May cause irritation to the throat and digestive tract. Rinse out mouth and drink as much water as possible. Consult a doctor immediately if vomiting is induced.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Non-Flammable.

6. ACCIDENTAL RELEASE MEASURE

Personal precautions	Use of gloves is advised in cases on highly sensitive skin.
Environmental precautions	Product is biodegradable. Has limited activation period therefore has no potential risk to the environment.
Methods for cleaning up	Soak up small spills with absorbent/ disposable.



Blendwell
CHEMICALS (PTY) LTD

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7. HANDLING AND STORAGE

Handling	In the area where the solution is being produced there must be good ventilation. Preferably local exhaust ventilation. For those with very sensitive skin it may be advisable to wear gloves.
Storage	Store in a cool dry ventilated area in sealed plastic containers and ensure the solution is correctly labelled and Shelf life up to 12 months.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures	Where the solution is being generated on site some engineering solutions should be implemented to prevent the build-up of fumes particularly where production facility has inadequate ventilation. Mechanical fume extraction may be advised in this situation. Documented process, safety controls and personnel protection where necessary, gloves, mask etc.	
Personal protective equipment	Respiratory	Where there is a high risk to fumes build up due to inadequate ventilation in a processing area a respirator should be worn.
	Face	-
	Eyes	-
	Hands	Where service personnel have sensitive skin the strongest solution may cause irritation and therefore protective gloves should be worn.
	Skin/body	Normal industrial work wears to avoid exposed skin when handling neat strong solution.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Physical State	liquid
	Colour	Clear
Odour		-
pH		7, 5-8, 5
Specific temperatures	Melting	0°C
	Boiling	100°C
Flammability characteristics	Flash Point	-
	Ignition Temperature	-
	Explosion Limits	-
Density	Material	App. 1,000 kg.m ³
	Bulk	App. 1,000 kg.m ³
Vapour pressure		-



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10. STABILITY AND REACTIVITY

Stability	Stable under normal storage conditions	
Reactivity	Materials to Avoid	The solution does not react with other materials.
	Hazardous Decomposition products	None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not Toxic.
Carcinogenicity	No data available.
Potential health effects	No data available.

12. ECOLOGICAL INFORMATION

Eco Toxicity	Destroys bacteria, viruses, spores and algae.
Degradability and Persistence	Fully Biodegradable.
Bio-accumulation	None.
Mobility	None.



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13. DISPOSAL CONSIDERATIONS

Product waste disposal measures	There are no special disposal procedures.
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14. TRANSPORT INFORMATION

Transport Measures	Not classified as hazardous for transport.
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15. REGULATORY INFORMATION

No regulatory information.

16 OTHER INFORMATION

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended.

The classification was effectuated according to information derived from technical literature and supplier companies.

Information included in this document is based on our present state of knowledge; however, they do not assure the product properties and do not assume any legal condition.

The material safety data sheet completes the product information without replacing