

MATERIAL SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **ZOONO LIQUID & SPRAY BOTTLES**
Brand Name: **Cellarguard PLUS**

Pack Size: 10ml, 20ml, 50ml, 150ml, 500ml, 2L and 5L
Product Code:
Product Use: **Anti-bacterial protection for surfaces**

New Zealand Supplier: **ZOONOPAC Ltd**
Address: **29B Hannigan Drive, St Johns, Auckland, New Zealand**

Telephone: (64) 9 570 0594
Fax Number: (64) 9 527 2758

Emergency Telephone: (64) 9 570 0594

Date of MSDS Preparation: **15 October 2009 – Version 1**

Section 2. Hazards Identification

This substance is classified as a NOT a dangerous good according to NZS5433: 2007

This substance is NOT hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Prevention Code Prevention Statement

P103 Read label before use
P233 Keep container tightly closed.
P280 Wear eye protection

Response Code Response Statement

P305 + P351 + P338 IF IN EYES:. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists, get medical advice/attention.

Storage Code Storage Statement

Nil

Disposal Code Disposal Statement

P501 Rinse container with water. Place empty container in recycling bin

Section 8	Exposure Controls / Personal Protection
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WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	CAS #	TWA ppm	STEL ppm
3-(trimethoxysilyl) propyldimethyl octadecyl ammonium chloride	27668-52-6	Not found	Not found
chloropropyltrihydroxysilane	2530-87-2	Not found	Not found

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls: For Industrial use. Eyewash stations must be available.

Personal Protective Equipment: For bulk transfer and handling advisable to wear gloves and goggles.

Section 9	Physical and Chemical Properties
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Physical State:	Liquid
Colour:	Clear
Odour:	None
pH:	Approximately 7
Solubility:	Miscible with water
Relative Vapour Density (air=1):	>1
Boiling point:	100
Freezing Point:	-5 °C
Melting Point:	NA
Ignition Point:	Nil
Flash Point:	Nil
Specific Gravity (water = 1):	1.0
Volatile by Volume:	0%

Section 10.	Stability and Reactivity
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Chemical Stability	Stable
Conditions to Avoid	Oxidising materials can cause a reaction, anionic materials. Heat & Freezing.
Incompatibility	Strong acids and alkalis
Hazardous Decomposition Products	None

Section 11	Toxicological Information
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Acute Oral Toxicity	LD₅₀ Rat (oral) > 5000 mg/kg body weight
Acute Dermal Toxicity	LD₅₀ Rat (dermal) > 5000 mg/kg body weight
Chronic Effects	No studies yet available

Section 12. Ecotoxicological Information

HSNO Classifications: eye irritant 6.4A

Environmental Precautions This product is not hazardous to the environment

Section 13. Disposal Considerations

Rinse container with water. Place empty container in recycling bin

Section 14 Transport Information

Classified as a hazardous substance by the *HSNO (minimum degrees of hazard) Regulations 2001*
Classified as a dangerous good for road transport under NZS5433:2007 Part 1

Road and Rail Transport

UN No
Class-primary
Packing Group
Proper Shipping Name:

Marine Transport

UN No
Class-primary
Packing Group
Proper Shipping Name:

Air Transport

UN No
Class-primary
Packing Group
Proper Shipping Name:

Section 15 Regulatory Information

ERMA Approval Code: HSR002528 Cleaning Products

HSNO Controls Nil

The package must withstand a drop of 0.5m onto a hard surface without losing its ability to retain its contents.
The package must be leak proof when the package is held at its lowest point for 30 minutes.

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been compiled by Zoonopac Ltd on behalf of the manufacturer of the Zoono active product and serves as the manufacturer's Material Safety Data Sheet ('MSDS'). It is based on information concerning

the product which has been provided to MSDS by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While MSDS has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible,

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Zoonopac Ltd, if further information is required.

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