

# Safety Data Sheet

## Section 1. Identification of the Material and the Supplier

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<b>Trade Name:</b>	<b>CellarGuard Plus Surface Sanitiser &amp; Protectant</b>
	Zoono Z-71 Microbe Shield
Product Code:	CGPlus
Application:	Surface Sanitiser & Protectant
Pack Size:	5L
Manufacturer:	<b>Zoono Limited</b> , Unit 3/24 Bishop Dunn Place, Botany South, Auckland.
Contact Information:	Ph: 09 600 1188                      Email: info@zoono.com
Supplier:	CellarGroup Ltd., The Esplanade, Gisborne, NZ
Contact Information:	Ph: 06 863 0024.,                      Email: office@vintechpacific.co.nz Email: admin@elitepac.co.nz
<b>Emergency Telephone:</b>	<b>0800 764 766</b>

## Section 2. Hazards Identification

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### Statement of Hazardous Nature

**Not classified as hazardous according to the criteria of SWA.**

**Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.**

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**UN Number:** None allocated.

**GHS Signal Word:** NONE. Not hazardous.

### PREVENTION

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash contacted areas thoroughly after handling.

P281: Use personal protective equipment as required.

### RESPONSE

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: In case of fire, use water fog.

### STORAGE

P410: Protect from sunlight.

P402+P404: Store in a dry place. Store in a closed container.

### DISPOSAL

P501: If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

### EMERGENCY OVERVIEW

**Physical Description & Colour:** Clear liquid.

**Odour:** Mild odour

**Major Health Hazards:** No significant risk factors have been found for this product.

### Section 3. Composition / Information on Ingredients

Ingredients	CAS Number	Conc. %	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Quaternary ammonium compound	27668-52-6	0.5 – 1.0	Not Set	Not Set
Other non-hazardous ingredients incl. water	Secret	To 100	Not Set	Not Set

### Section 4. First Aid Measures

#### General Information:

**You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.**

**Inhalation:** First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

**Eye Contact:** No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

### Section 5. Fire Fighting Measures

**Fire and Explosion Hazards:** The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

This product is likely to decompose only after heating to dryness, followed by further strong heating. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

**Extinguishing Media:** Not combustible. Use extinguishing media suited to burning materials.  
**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.  
**Flash point:** Will not burn until water component is driven off.  
**Upper Flammability Limit:** Does not burn.  
**Lower Flammability Limit:** Does not burn.  
**Autoignition Temperature:** Does not burn.  
**Flammability Class:** Does not burn.

## Section 6. Accidental Release Measures

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**Accidental Release:** Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber and PVC. Eye/face protective equipment should comprise, as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

## Section 7. Handling and Storage

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**Approved Handlers:** NOT REQUIRED

### **Precautions for safe handling:**

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

### **Conditions for safe storage:**

Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Keep containers of this product in a well-ventilated area. Protect this product from light. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

## Section 8 Exposure Controls / Personal Protection

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The following Australian Standards will provide general advice regarding safety clothing and equipment:

<b>Respiratory Equipment:</b>	AS/NZS 1715,
<b>Protective Gloves:</b>	AS 2161,
<b>Occupational Protective Clothing:</b>	AS/NZS 4501 set 2008,
<b>Industrial Eye Protection:</b>	AS1336 and AS/NZS 1337,
<b>Occupational Protective Footwear:</b>	AS/NZS2210

Exposure limits have not been established by SWA for this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

<b>Ventilation:</b>	This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.
<b>Eye Protection:</b>	Eye protection such as protective glasses or goggles is recommended when this product is being used.
<b>Skin Protection:</b>	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow length) when lengthy skin contact is likely.
<b>Protective Material Types:</b>	We suggest that protective clothing be made from the following materials: Rubber, PVC.
<b>Respirator:</b>	Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

## Section 9 Physical and Chemical Properties

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<b>Physical Description &amp; Colour:</b>	Clear Liquid.
<b>Odour:</b>	Mild odour
<b>Boiling Point:</b>	Approximately 100°C at 100kPa
<b>Freezing/Melting Point:</b>	Approximately 0°C
<b>Volatiles:</b>	Water component.
<b>Vapour Pressure:</b>	2.37kPa at 20°C (water vapour pressure)
<b>Vapour Density:</b>	As for water.
<b>Specific Gravity:</b>	Approximately 1.
<b>Water Solubility:</b>	Completely soluble in water.
<b>pH:</b>	6.0 – 9.0
<b>Volatility:</b>	No data.
<b>Odour Threshold:</b>	No data.
<b>Evaporation Rate:</b>	As for water.
<b>Coeff Oil/water Distribution:</b>	No data
<b>Autoignition temp:</b>	Does not burn.

## Section 10. Stability and Reactivity

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<b>Reactivity:</b>	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
<b>Conditions to Avoid:</b>	This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Containers should be kept dry. Keep containers and surrounding areas well-ventilated. Protect this product from light.
<b>Incompatibilities:</b>	Oxidising agents. Anionic detergents.
<b>Fire Decomposition:</b>	This product is likely to decompose only after heating to dryness followed by further strong heating. Combustion forms carbon dioxide and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. May form hydrogen chloride gas, other compounds of chlorine. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
<b>Polymerisation:</b>	This product will not undergo polymerisation reactions.

## Section 11 Toxicological Information

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### Local Effects:

**Target Organs:** There is no data to hand indicating any particular target organs.

### Classification of Hazardous Ingredients

**Ingredient Risk Phrases:** No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

### Potential Health Effects

#### Inhalation

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

#### Skin Contact

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.

Long Term Exposure: No data for health effects associated with long term skin exposure.

#### Eye Contact

Short Term Exposure: This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

#### Ingestion

Short Term Exposure: Significant oral exposure is considered to be unlikely. Available data shows that this product is not harmful. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

#### Carcinogen Status

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

## Section 12. Ecological Information

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Insufficient data to be sure of status.

## Section 13. Disposal Considerations

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**Disposal:** This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

## Section 14 Transport Information

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**UN Number:** This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

## Section 15 Regulatory Information

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**AICS:** All of the significant ingredients in this formulation are compliant with NICNAS regulations.

## Section 16 Other Information

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### Acronyms

**ADG Code:** Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)  
**AICS:** Australian Inventory of Chemical Substances  
**SWA:** Safe Work Australia, formerly ASCC and NOHSC  
**CAS Number:** Chemical Abstracts Service Registry Number  
**Hazchem Code:** Emergency action code of numbers and letters that provide information to emergency services especially firefighters  
**IARC:** International Agency for Research on Cancer  
**NOS:** Not otherwise specified  
**NTP:** National Toxicology Program (USA)  
**SUSMP:** Standard for the Uniform Scheduling of Medicines & Poisons  
**UN Number:** United Nations Number

### Disclaimer

This document has been compiled by CellarGroup Ltd based on information concerning the product which has been provided to CellarGroup Ltd by the component manufacturer(s) 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 CellarGroup Ltd has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, CellarGroup Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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