

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

<b>Product name:</b>	<b>ISO OUTDOOR</b>
<b>Product code:</b>	<b>IO-5L</b>
<b>Recommended use:</b>	ISO OUTDOOR is an outdoor cleaner, sanitiser and antimicrobial protectant, suitable for application to hard and soft surfaces specially targeting control of moss and mould as per directions.
<b>Company details:</b>	ISO TECHNOLOGIES LTD P O BOX 305-503 Triton Plaza, North Shore Auckland 0757, NEW ZEALAND
<b>Telephone number:</b>	Phone: +64 9 477-5700 Fax: +64 9 476-3602
<b>Emergency telephone number:</b>	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111
<b>Date of preparation:</b>	3 May 2012

## SECTION 2: PRODUCT COMPOSITION AND INGREDIENTS

**Product Characterisation:** Colourless Clear Liquid, Cleaning Sanitising and Antimicrobial Protectant Solution

<b>Product Components:</b>	<b>INGREDIENT</b>	<b>CAS #</b>	<b>APPROX CONCENTRATION</b>
	BENZYLKONIUM CHLORIDE	61789-71-1	<12 %
	Octadecyldimethyl (3-Trimethoxysilylpropyl) Ammonium Chloride	27668-52-6	<2 %
	Chelator;	Proprietary	<2 %
	Aqua pura - Water	7732-18-5	>20 %
	Colourant	N / A	<1 %

**Data and interpretation:** May be harmful if swallowed. May cause eye irritation

## SECTION 3: HAZARDS IDENTIFICATION

<b>Hazard classifications:</b>	No carcinogenic or Flammable classified. NO known medical conditions generally aggravated by exposure
<b>Risk and safety phrases:</b>	May cause slight or mild skin irritation. Avoid excessive skin contact May cause slight or mild irritation if ingested. Avoid ingestion. May cause slight or mild irritation if inhaled.. <b>Harmful</b> – may cause eye irritation if direct eye contact. Avoid contact with eyes.

## SECTION 4: FIRST AID MEASURES

<b>Necessary first aid measures:</b>	<b>For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately</b> <u>Eye Contact:</u> Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance. <u>Skin Contact:</u> Not applicable. No irritation or reaction expected. <u>Excessive Inhalation:</u> Remove patient to fresh air. Lie down and keep warm and rested. Seek medical assistance. <u>Ingestion:</u> Do NOT induce vomiting. Seek medical assistance immediately.
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<b>Workplace facilities:</b>	Facilities storing or utilising this material should be equipped with an eyewash facility
<b>Notes for medical personnel:</b>	Treat symptomatically
<b>SECTION 5: FIRE FIGHTING MEASURES</b>	
<b>Flammable limits in air:</b>	Lower: N/A Upper: N/A
<b>Flash Point:</b>	NONE
<b>Extinguishing media and methods:</b>	N/A
<b>Hazchem code:</b>	N/A
<b>Recommended protective clothing:</b>	N/A
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>Emergency procedures:</b>	Wear protective clothing. Clear area of unprotected personnel. Contain small spill and either absorb with sand, soil or absorbent granules or hose away with water. Collect in an appropriate sealable container for disposal.
<b>SECTION 7: HANDLING AND STORAGE</b>	
<b>Handling procedures:</b>	Use in a well-ventilated area. Avoid ingestion and direct eye contact.
<b>Storage procedures:</b>	Store in a tightly closed container. Store in a cool, dry, well-ventilated area.
<b>SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION</b>	
<b>Workplace exposure standards:</b>	No exposure limits have been specifically assigned for this product.
<b>Application in the workplace:</b>	As instructed in directions product can be used in the workplace as directed
<b>Engineering controls:</b>	An adequate supply of water should be available in storage and handling areas. Facilities storing or utilising this material should be equipped with an eyewash facility.
<b>Personal protection:</b>	Avoid excessive contact. Prolonged contact may cause irritation.
<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Physical State:</b>	Green clear to Green translucent liquid.
<b>Odour:</b>	Odourless but a slight taint of almond like scent
<b>Solubility in Water</b>	Soluble in water
<b>Specific Gravity</b>	< 1.004
<b>Boiling Point</b>	> 98°C
<b>Flash Point</b>	N/A
<b>Viscosity</b>	Data Not available at published date
<b>Molecular weight</b>	Data Not available at published date
<b>pH</b>	5.0 - 7.0
<b>SECTION 10: STABILITY AND REACTIVITY</b>	
<b>Stability of the substance:</b>	Stable product under normal conditions, temperatures and pressures
<b>Conditions to avoid:</b>	None
<b>Material to avoid:</b>	Do not mix with any other liquid other than water. Avoid acids, strong oxidising agents and anionic materials.
<b>Hazardous decomposition products:</b>	Will not occur.
<b>Hazardous polymerization:</b>	Will not occur

**Specific data:** N/A at time of published date

### SECTION 11: TOXICOLOGICAL INFORMATION

**Summaries Data:** Low toxicity

Product Components:	INGREDIENT	CAS #	Toxicological Summary
	BENZYLKONIUM CHLORIDE	61789-71-1	Low – medium toxicity. Not known as carcinogenic to humans – toxic to bacteria
	Octadecyldimethyl (3-Trimethoxysilylpropyl) Ammonium Chloride	27668-52-6	Very low toxicity and Not known as carcinogenic – toxic to bacteria

**Effects Of Chronic Exposure:** None Known

### SECTION 12: ENVIRONMENTAL INFORMATION

**Potential environmental interactions:** Harmful to fish. Do not contaminate drains or waterways

**Environmental Risk & Safety :** N/A at time of published date

### SECTION 13: DISPOSAL CONSIDERATIONS

**Recycle container in accordance with local bylaws where possible.** Product Disposal: To avoid disposal all attempts should be made to utilise the product completely in accordance with its registered use.

Container Disposal: Recycle or dispose of in accordance with local by laws.

### SECTION 14: TRANSPORT INFORMATION

**Relavent Information:** Special provisions for transport not available at published time and date.

### SECTION 15: REGULATORY INFORMATION

**Labelling Information (EEC Regulations Safety Phrases as per label):**

S2 Keep out of reach of children

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S46 If swallowed, wash out mouth, then drink plenty of water. Seek medical advice immediately and show the container label.

**HSNO controls:**

N/A

**NZFSA controls:**

NZFSA (New Zealand Food Safety Authority) At time of publishing compliance to NZFA code C31 in progress but yet to be classified (Cleaner C31 - All animal product except dairy) WHEN USED IN FOOD PROCESSING NZFSA REGULATIONS REQUIRE THAT FOOD SURFACES MUST BE RINSED WITH POTABLE WATER AFTER USE AND BEFORE PRODUCTION STARTS

### SECTION 16: OTHER INFORMATION

**Additional Information**

For product information visit the [www.isotechnologies.co.nz](http://www.isotechnologies.co.nz) website.

While the information set forth is believed to be accurate as of the date hereof, ISO TECHNOLOGIES LTD. makes no warranty with respect hereto and disclaims all liability from reliance thereon

**Revision Number and Date:** Original Date of Preparation 3 May 2012