

Safety Data Sheet: C-thru Shower Shield

Version No. 02.0

Issued: 18th March 2015

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: C-thru Shower Shield
Additional Names: (nil)

Product Code: SS250

Distributor: T and N Raeburn Ltd T/A C-thru Solutions
76 Omokoroa Road,
Omokoroa 3114

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0800 428 478
02102375126

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Fax: 07 548 0771
Website: www.c-thru.co.nz

Uses: Used to prevent minerals and other contaminants from attaching themselves to glass showers, windows, stainless steel and other hard surfaces.

Section 2: HAZARDS IDENTIFICATION

Classification of Substance or Mixture:	Hazardous according to NZ Dangerous Goods and Toxic Substance Regulations and HSNO criteria.
Other Information:	Harmful if swallowed, Harmful if inhaled. Causes eye irritation. May cause an allergic skin reaction. Extremely flammable liquid and vapour.
Potential Health Effects:	Swallowed – Symptoms of over exposure include: flushing, pulse rate decrease, blood pressure lowering, anaesthesia, narcosis, headaches, dizziness, mental depression and nausea. Eyes – Irritating to the eyes and can cause corneal burns. Skin – Irritating to the skin with prolonged exposure. It may result in dryness and cracking. Inhalation – Irritating to the respiratory tract. In high doses, this product has narcotic effects.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Iso Propyl Alcohol / Isopopropanol / Propan-2-ol	67-63-0	80%+
Proprietary blend that, at levels contained herein, is not classified as hazardous.	Non-hazardous Trade secret	< 20%

Section 4: FIRST AID MEASURES

First Aid Measures

Inhaled:	Remove to fresh air. If breathing is difficult seek medical attention immediately.
Skin:	Remove any contaminated clothing, including footwear (after rinsing with water). Wash affected areas thoroughly with water and soap if available. If there is significant and/or ongoing irritation seek medical advice.
Eyes:	Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water.

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Ingested: Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
Seek medical attention.
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Do NOT induce vomiting.
Give 1-2 glasses of water. (Never give water to an unconscious person).
Contact a doctor or New Zealand National Poisons Centre on 0800 764 766. Tell them the product swallowed is Iso Propyl Alcohol.

Section 5: FIRE FIGHTING MEASURES

Suitable Extinguishing media: Water spray, water fog or fine mist, alcohol foam.

Fire and Explosion Hazards: Flammable liquid. Vapour accumulation could flash and/or explode if ignited.

Fire Fighting Instructions: Fire fighters must use recommended protective equipment and self-contained breathing Apparatus. Hazchem code 2(Y)E

Section 6: ACCIDENTAL RELEASE MEASURES

Land Spill or Leaks: Evacuate spill area and eliminate all ignition sources. Soak up with absorbent cloth or material.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling and Storage: 40°C maximum. Store away from heat and open flames. Store at ambient Temperatures. Keep containers tightly closed and in a well ventilated place.
Do not store alongside food or feedstuffs.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

This product is packaged and designed for personal consumer use and the hazardous exposure to the product should be very minimal. The only personal protection of note is to take steps to ensure the product does not come into contact with the eyes. STORE OUT OF REACH OF CHILDREN.

Appropriate engineering controls: Use only in well ventilated area. Eliminate sources of static buildup. Earth bulk containers.

Individual Protection Measures, such as personal protective equipment (PPE): Solvent resistant safety eyewear. For personal use, no skin protection required except in instances of highly sensitive or already damaged skin. In such instances protective clothing and neoprene or nitrile rubber gloves should be worn.
For personal use no respiratory protection required.

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid	Odour:	Sharp hydrocarbon smell
Physical State:	Clear liquid	Odour Threshold:	Not determined
Boiling Point:	82°C	Flash Point:	12.0°C
Freezing Point:	Not determined	Ignition Point:	>350°C
hSpecific Gravity:	0.79 @ 25°C	Autoignition Temperature:	Not applicable
Evaporation Rate:	Not determined	Decomposition Temperature:	Not determined
Vapor Pressure:	4.3 kPa @ 20°C	Density:	Not determined
Vapor Density:	0.785 @ 15°C (air=1)	Solubility in Water:	Miscible in water
Volatiles:	100%	Partial Coefficient:	Not available

Section 10: STABILITY AND REACTIVITY

Conditions to Avoid: Sources of heat and ignition, open flames.

Chemical Stability: Stable at room temperature and pressure.

Section 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: The single lethal dose for humans is approx. 250ml, however 100ml can be fatal.

Acute Dermal Toxicity Acute dermal LC50 (rat) expected to be >5mg/l.

Inhalation: Acute inhalation LC50 (rat) expected to be >5mg/l. May cause headache, dizziness, nausea and Narcosis.

Long Term Effects: Questionable carcinogen. Mutation data reported.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Volatilises in air.

Environmental Fate:

Soil: Product is highly volatile and will rapidly evaporate to the air.

Water: As for soil.

Section 13: DISPOSAL CONSIDERATIONS

Dispose of waste at an appropriate waste disposal facility in accordance with local authority bylaws.

Empty and open containers can retain vapour residues for long periods of time risking unintended ignition or explosion. Puncture or crush before sending to landfill.

Section 14: TRANSPORT INFORMATION

U.N. Number: 1219

Packing Group: II

Proper Shipping Name: Isopropyl Alcohol

Class Primary: 3

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Section 15: REGULATORY INFORMATION

Primary HSNO Class: 3.1B
Subsidiary Classes: 6.1E, 6.3B, 6.4A
ERMA Approval No: HSR001180

Section 16: OTHER INFORMATION

Manufacturer:

T and N Raeburn Ltd T/A C-thru Solutions, 76 Omokoroa Road, Omokoroa, 3114 Tauranga, New Zealand
Ph: 07 548 0770 M: 64 2102375126

Reason for Revision: New ownership

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed.

DISCLAIMER: The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.