



Car Clean Products NZ Limited
 Ph + 64 9 250 0091 - Fax + 64 9 250 0092 - www.pacer.co.nz
 33 Ha Crescent, Wiri - P O Box 97 948 - Manukau - Auckland 2241- New Zealand

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Medical Ethanol
 Product Code: GRS12
 Product Use: Ethanol and water not denatured by Methanol

New Zealand Supplier: Car Clean Products NZ Limited
 Address: 33 Ha Crescent
 Wiri
 Auckland

Telephone: 09 250 0091
 Fax Number: 09 250 0092

Emergency Telephone: 0800 POISON (0800 764 766)

Date of MSDS Preparation: April 2015

Section 2. Hazards Identification



Warning

Flammable Liquid H226 Flammable liquid and vapour

Harmful if swallowed. Irritating to eyes. Some individuals may show skin contact sensitivity after continual use.

Potential Health Effects

Swallowed	Harmful
Eyes	Irritant.
Skin	Mildly irritating
Inhalation	Possibly irritating, nausea.

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS number
Ethanol	>60	64-17-5
Water	>20	772-18-5

Section 4. First Aid Measures

Routes of Exposure:

Eye	Hold eyes open and flush with water for at least 15 minutes. Seek medical attention if problems persist
Skin	Wash thoroughly with soap and water. If irritation persists seek medical advice. Take this SDS with patient.
Ingestion	Give large quantities of water. Do not induce vomiting. Seek medical attention
Inhalation	Remove patient to fresh air and make comfortable. If distress continues seek medical advice.

Section 5. Fire Fighting Measures

Suitable Extinguishing media	CO2, Dry powder
Fire and Explosion hazards	Carbon monoxide, carbon dioxide
Fire Fighting Instructions	Toxic fumes in a fire. Hazchem code 2X

Section 6. Accidental Release Measures

Land Spill or Leaks	Small spills or leaks can be collected for domestic rubbish disposal. Before cleaning up large large spills or leaks remove unprotected personnel and wear protective gloves and face shield. Spills or leaks should be shovelled or pumped into clean containers for decontamination and reuse.
Water	Small spills and leaks should not pose any long term effects to aquatic environment. Large spills should be advised to the nearest regional council pollution officer to assist with containment.

Section 7. Handling and Storage

Handling Advice:	No protective clothing required for normal use. Natural ventilation should be adequate under normal use conditions. Spillages are extremely slippery. If splashes in eyes could occur wear protective goggles.
Storing Procedures:	Store away from high temperatures and sunlight. Do not store near to food or feedstuffs. Keep containers closed at all times – check bulk amounts regularly for leaks.

Section 8 Exposure Controls / Personal Protection

Engineering Controls:	Avoid leaving product in contact with metals for any length of time
Personal Protective Equipment:	Advisable to wear protective gloves with long-term exposure. Wear goggles if splashing likely.

Section 9 Physical and Chemical Properties

Appearance	Clear liquid
Odour:	Alcohol
Odour threshold	Not available
pH:	Not available
Melting/Freezing point	Not available
Initial boiling point	Not available
Flash point	21
Flammability	Flammable
Upper/Lower flammability limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Water
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Kinematic viscosity	Not available
Particle characteristics	Not available

Section 10. Stability and Reactivity

Chemical Stability	Chemically stable.
Conditions to Avoid	High temperatures, open flame
Incompatibility	Not compatible with acids or alkalis.

Hazardous Decomposition
Products

May produce carbon monoxide in a fire.

Section 11 Toxicological Information

Low to moderate toxicity – irritant. This product has the potential to cause adverse health effects with chronic over exposure. Use safe work practices to avoid eye or skin contact and over exposure via inhalation.

Acute Oral Toxicity	LD ₅₀ Mouse (oral) 3450 mg / kg bw
Acute Dermal Toxicity	LD ₅₀ Rabbit (dermal) >20 mL / kg bw
Long term Effects	Contact sensitivity is possible for some individuals.

Section 12. Ecotoxicological Information

Environmental Precautions:

<i>Ecological Toxicity</i>	No environmental hazard under normal label use. Moderately toxic to marine organisms
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Environmental Fate:

<i>Soil</i>	Biodegradable and not expected to persist more than a few days.
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<i>Water</i>	Biodegradable and not expected to persist more than a few days
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Environmental Exposure Limits	EEL _{water}
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Section 13. Disposal Considerations

Dispose as for domestic rubbish or into sewer. Avoid flushing into stormwater drains.

Section 14 Transport Information

Road, Rail, Marine and Air Transport

UN No	:	1993
Class-primary	:	3
Packing Group	:	III
Proper Shipping Name:	:	Flammable Liquids N.O.S. (Ethanol)

Section 15 Regulatory Information

HSNO Approval Number HSR002553
HSNO Group Standard – Denatured Ethanol

Flammable Liquid	3.1B
Mildly irritating to skin	6.4A

Section 16	Other Information
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Supplied in 1lt

Code: GRS12-1

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

Please contact the New Zealand proprietor, Car Clean Products NZ Limited
Phone: 09 250 0091 if further information is required.



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MEDICAL ETHANOL

PURPOSE:

For use as sterile wipe.

DIRECTIONS:

Ready to use. Dampen cotton bud or wipe and apply to surface.

WARNING:

KEEP OUT OF REACH OF CHILDREN