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PACER®
For Professional Results

Car Clean Products NZ Limited
Ph + 64 9 250 0091 - Fax + 64 9 250 0092 - www.pacer.co.nz
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:	Acetone
Product Code:	ACE
Product Use:	Industrial solvent. Restricted to professional users
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:	October 2015

Section 3. Hazards Identification

DANGER

Flammable Liquid Category 2	**H225 Highly flammable liquid and vapour**
Acute Oral Toxicity Category 4	**H302 Harmful if swallowed**
	H304 May be fatal if swallowed and enters airways

Potential Health Effects

Swallowed	May be harmful if swallowed. Aspiration into the lungs may cause chemical Pneumonitis, which can be fatal.

Eyes	Causes serious eye irritation.
Skin	Causes mild skin irritation.
Inhalation	High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea Continued inhalation may result in unconsciousness and/or death.

Section 2. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
Acetone	100	67-64-1

Section 4. First Aid Measures

Routes of Exposure:

Eye	Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyes open. Transport to the nearest medical facility for additional treatment.
Skin	Remove contaminated clothing. Flush exposed area with water and follow up by washing with soap if available.
Ingestion	If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Inhalation	Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Alcohol resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
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 3Y

Section 6. Accidental Release Measures

Land Spill or Leaks	Evacuate spill area and eliminate all ignition sources. Report spill to fire brigade. If possible remove leaking containers to a detached area wearing approved respirator and personal protection equipment. Bund spill area with inert material. Avoid contact with skin and eyes. Do not breathe vapour. Extinguish naked flames. Remove ignition sources. No smoking. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk. Wear full-face respirator with canister and filter
Water Spill or Leaks	Mixes with water

Section 7. Handling and Storage

Handling Advice:	Store away from heat and open flames. Store at ambient temperatures. Keep containers tightly closed and in a well-ventilated place
Storing Procedures:	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

Engineering Controls:	Use only in well ventilated area. Eliminate sources of static buildup. Earth bulk containers.
Personal Protective Equipment:	Wear half face respirator with organic vapour cartridge with built-in particulate filter NPF20 (gas only). Chemical monogoggles, PVC gloves, chemical resistant safety shoes or boots and standard issue work clothes should be worn

Section 9 Physical and Chemical Properties

Physical State:	Clear liquid
Odour:	Characteristic
Odour threshold	Data not available
pH	Not applicable
Melting/Freezing Point	Data not available
Initial Boiling Point	56C
Flash Point	-17C
Flammability limits in air	Data not available

Upper/Lower flammability	Data not available
Vapour Pressure	24 kPa @ 20C
Vapour Density	Data not available
Relative Density	Data not available
Solubilities	Water, alcohol most hydrocarbons and oils
Partition coefficient	Data not available
Auto-ignition temperature	465C
Decomposition temperature	Not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available
Relative Vapour Density (Air=1)	2.0

Section 10. Stability and Reactivity

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Store away from heat and open flames. Store at ambient temperatures. Keep containers tightly closed and in a well-ventilated place
Incompatibility	Strong oxidizers. Flammable gases, explosives May react violently with chloroform, activated charcoal, aliphatic amines, bromine, bromine trifluoride, chlorotriazine, chromic acid, chromium trioxide, chromyl chloride, haxachloromelamine, iodine heptafluoride, iodoform.
Hazardous Decomposition Products	None expected under normal conditions of use.

Section 11 Toxicological Information

Acute Oral Toxicity	Low toxicity LD50 (rat) >2000 mg/kg (calculated from mixture rule) Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
Acute Dermal Toxicity	Low toxicity LC50 (rat) expected to be >2000 mg/l. Low toxicity LC50 (rat) expected to be >20 mg/l.
Serious eye damage	Irritating to eyes
Respiratory or skin sensitation	May cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis.
Germcell Mutagenicity	Data not available
Carcinogenicity	Data not available

Reproductive Toxicity	Data not available
Specific target organ toxicity - Single exposure	Data not available
Specific target organ toxicity - Repeated exposure	Data not available
Aspiration Hazard	May cause lung damage

Section 12. Ecotoxicological Information

Environmental Precautions:

Ecological Toxicity	*Readily biodegradable*

Environmental Fate:

Soil	*If product enters soil, it will be mobile and may contaminate groundwater*
Bioaccumulation	*Not expected*
Water	*Readily biodegradable*
Environmental Exposure Limits	EEL_{water} Not set

Section 13. Disposal Considerations

Disposal Methods	Hazardous goods collection
Precautions	Empty containers can retain fumes which will be flammable. Do not dispose of full or partially full container to landfill, drains or water courses.

Section 14 Transport Information

Road, Rail, Marine and Air Transport

UN No	: 1090
Proper Shipping Name:	: Acetone
Dangerous Goods class	:3
UN Packing Group	:II
Environmental Hazards	: Rapidly degradable

Section 15 Regulatory Information

ERMA Approval No HSR001070
Acetone

Section 16 Other Information

Under the HSNO Regulations, for quantities held on a site over ;

- 250L in containers > 5L or
  500 L in containers < 5L a certificated approved handler is required to be available
- 100L in containers > 5L or 250 L in containers < 5L, or 50L continuously open a Location Test Certificate for storage is required
- 250L Hazchem site signage is required
- 250L an emergency response plan is required

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Packaged in 4lt, 20lt & 200lt containers. Codes: ACE4, ACE20, ACE9

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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ACETONE

PURPOSE:
Acetone is a very fast drying solvent used in paint removers, paint thinners, adhesives and in the manufacture of fiberglass.

DIRECTIONS:
Cleaning: Spray onto the surface, agitate to clean and then wipe off with a clean cloth or allow to evaporate.

WARNING:
Harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation.

DANGER:
GIVES OFF A HIGHLY FLAMMABLE VAPOUR! Keep well away from heat, sparks and an open flame. Keep the container closed when not in use.

KEEP OUT OF REACH OF CHILDREN.