



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: Methyl Ethyl Ketone
 Product Code: MEK
 Product Use: Solvent

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: August 2023

Section 2. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
Methyl Ethyl Ketone	100	78-93-3

Section 3. Hazards Identification



Potential Health Effects

WARNING

H225 Highly flammable liquid and vapour
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

Swallowed	Oral irritant
Eyes	Eye irritant, stinging and reddening.
Skin	Repeated exposure may cause dryness and cracking.
Inhalation	Vapours may cause drowsiness and dizziness possibly mildly irritating.

Section 4. First Aid Measures

Routes of Exposure:

Eye	Hold eyes open and flush with water for at least 15 minutes.
Skin	Immediately remove contaminated clothing and wash skin and clothes thoroughly with running water.
Ingestion	Do not induce vomiting. Rinse mouth with water. If victim not breathing begin artificial respiration. Obtain medical attention.
Inhalation	Remove to fresh air. If breathing is difficult, seek medical attention immediately

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Dry chemical or 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 2YE

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
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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

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

Appearance	Clear liquid
Odour:	Characteristic sweetish odour
Odour threshold	Data not available
pH	N/A
Melting/Freezing point	Data not available
Initial boiling point/range	80 Deg C @ 100 kPa
Flash point	-7°C
Flammability	Data not available
Upper/Lower flammability limits	Data not available
Vapour pressure	10.5kPa (@ 20°C
Vapour density	Data not available
Relative density	Data not available
Solubility in water, % mass:	290g/L 20°C
Partition coefficient	Data not available
Auto-ignition temperature	404°C
Decomposition temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

Section 10. Stability and Reactivity

Chemical Stability Stable at room temperature and pressure

Conditions to Avoid	Sources of heat and ignition, open flames
Incompatibility	Oxidising agents, mineral acids, halogenated organic compounds
Hazardous Decomposition Products	No decomposition products except in fire then carbon dioxide and carbon monoxide.

Section 11 Toxicological Information

Acute Oral Toxicity	LD50 Oral Rat 2737mg/kg
Acute Dermal Toxicity	No data
Inhalation	No data
Long term Effects	No data available

Section 12. Ecotoxicological Information

Environmental Precautions:

<i>Ecological Toxicity</i>	<i>Readily biodegradable. Oxidises rapidly by photo-chemical reactions in the air. Does not bioaccumulate significantly.</i>
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Environmental Fate:

<i>Soil</i>	<i>Product is highly volatile and will rapidly evaporate to the air.</i>
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<i>Water</i>	<i>Do NOT let product reach waterways, drains and sewers.</i>
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Environmental Exposure Limits	EEL _{water} Not set
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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 a landfill.

Section 14 Transport Information

Road, Rail, Marine and Air Transport

UN No	: 1193
Class-primary	: 3
Packing Group	: II
Proper Shipping Name:	: Ethyl Methyl Ketone

Section 15 Regulatory Information

Primary HSNO Class	3.1B,
Subsidiary classes	6.1E, 6.3B, 6.4A, 6.9B
ERMA Approval No	HSR001482

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

Packaged in 4lt & 20lt containers. Codes: MEK4, MEK20.

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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METHYL ETHYL KETONE

PURPOSE:

MEK has good solvency and dissolves many substances making it a desired solvent in processes involving: gums, synthetic resins, cellulose acetate, nitrocellulose coatings, vinyl film and many rubbers. Commonly used as a paint thinner & high quality gun wash.

WARNING:

Flammable liquid. Harmful if swallowed or inhaled. Eye or skin contact may cause irritation.

DANGER:

GIVES OFF 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.