



## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: General Purpose Thinners  
 Product Code: GPT  
 Product Use: Is a combination of solvents designed to give excellent gloss and flow when painting. Suitable for gun washing and cleaning.

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
Toluene	<50	108-88-3
Acetone	<20	67-64-1
Ethylene Glycol Monobutyl Ether	<10	111-76-2
Isopropanol	<10	67-63-0
Petroleum ether	<10	8032-32-4
Xylenes	<10	8026-09-3

### Section 3. Hazards Identification

Highly flammable liquid HSNO Class 3.1B. Harmful if swallowed. Defats the skin causing redness and irritation.

#### Potential Health Effects



#### DANGER

**H224 Extremely flammable liquid and vapour**  
**H304 May be fatal if swallowed and enters airways**  
**H371 May cause damage to organs**  
**H312 Harmful in contact with skin**  
**H319 Cause serious eye irritation**

Swallowed	Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.
Eyes	Highly irritating
Skin	Expected to be slightly irritating causing redness and dry skin
Inhalation	May cause headache, dizziness, nausea and narcosis

### Section 4. First Aid Measures

#### Routes of Exposure:

Eye	Hold eyes open and flush with water for at least 15 minutes. Seek medical attention immediately
Skin	Immediately remove contaminated clothing and wash skin and clothes thoroughly with soap and water. Apply soothing barrier cream if redness or irritation appears.
Ingestion	Do not induce vomiting. Rinse mouth with water. Seek medical attention immediately. Treat as for petrol ingestion.
Inhalation	Remove to fresh air. If breathing is difficult, seek medical attention immediately

### Section 5. Fire Fighting Measures

Suitable Extinguishing media	Foam, Dry Chemical, Carbon dioxide
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

## 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	Colourless Liquid
Odour:	Sharp hydrocarbon smell
Odour threshold	Data not available
pH	N/A
Melting/Freezing point	Data not available
Initial boiling point/range	Data not available
Flash point	3°C
Flammability	Data not available
Upper/Lower flammability limits	Data not available

Vapour pressure	2.9kPa
Vapour density	Data not available
Relative density	3.2 (as Toluene)
Solubilities	Hydrocarbon liquids
Partition coefficient	Data not available
Auto-ignition temperature	400°C
Decomposition temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

## Section 10. Stability and Reactivity

Chemical Stability	Flammable. In use may form flammable/explosive vapour-air mixture
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
Hazardous Decomposition Products	Carbon dioxide in a fire

## Section 11 Toxicological Information

Acute Oral Toxicity	Acute oral LD50 (rat) 1070 mg/kg (calculated from mixture rule)
Acute Dermal Toxicity	Acute dermal LC50 (rat) expected to be >5 mg/l.
Inhalation	Acute inhalation LC50 (rat) expected to be > 5 mg/l. May cause headache, dizziness, nausea and narcosis
Long term Effects	Toluene is suspected of being a reproductive toxicant following long term exposure.

## Section 12. Ecotoxicological Information

### Environmental Precautions:

*Ecological Toxicity* Not readily biodegradable and has potential to harm marine and terrestrial vertebrates and invertebrates

### Environmental Fate:

*Soil* Not readily biodegradable and has potential to bioaccumulate

*Water* Not readily biodegradable and has potential to bioaccumulate

Environmental Exposure Limits EEL<sub>water</sub> Not set



## 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 : 1993  
 Class-primary : 3  
 Packing Group : II  
 Proper Shipping Name: : FLAMMABLE LIQUID N.O.S.

## Section 15 Regulatory Information

Primary HSNO Class	3.1B,
Subsidiary classes	acutely toxic 6.1D, skin irritant 6.3B, eye irritant 6.4A reproductive toxicant 6.8B toxic to target human organs 6.9B toxic to marine organisms 9.1D toxic to terrestrial vertebrates 9.3C
Group Standard	Solvents (flammable)
ERMA Approval No	HSR002650

## 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: GPT4, GPT20, GPT9

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.



Car Clean Products NZ Limited  
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33 Ha Crescent, Wiri - P O Box 97 948 - Manukau - Auckland 2241 - New Zealand

## GENERAL PURPOSE THINNERS

### **PURPOSE:**

General Purpose Thinners is a combination of solvents designed to give excellent gloss and flow when painting. Suitable for gun washing and cleaning.

### **DIRECTIONS:**

Use in accordance with paint manufacturer's instructions.

### **WARNING:**

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

### **DANGER**

### **GIVES OFF HIGHLY FLAMMABLE VAPOUR.**

Keep well away from heat, sparks and open flame. Keep closed when not in use.

**KEEP OUT OF REACH OF CHILDREN.**