

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: THINNERS GP LS292
Synonyms: General purpose spray thinner.

Use: Used for thinning of paint for spray painting.

Supplier: Advance Chemicals
ABN: 61 005 625 025
Street Address: 4 – 8 Malton Court Altona, 3018
Telephone Number: (03) 9398 4444
Facsimile: (03) 9398 5278

Emergency Telephone: Ted Powell (03) 9398 4444 (Business Hours)
0425 800 022 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Classification of the substance or mixture:

Flammable Liquid – Category 2
Reproductive toxicity – category 2
Aspiration Hazard – category 1
Specific target organ toxicity (repeated exposure) – category 2
Skin irritation – category 2
Specific target organ toxicity (single exposure) – category 3

SIGNAL WORD: DANGER



Hazard Statement(s):

H225 – Highly flammable liquid and vapour.
H361 – Suspected of damaging the unborn child
H304 – May be fatal if swallowed and enters airways
H373 – May cause damage to organs through prolonged or repeated exposure
H315 – causes skin irritation
H336 – May cause drowsiness and dizziness

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Precautionary Statement(s):

Prevention:

- P102 Keep out of reach of children.
- P103 Read label before use.
- P104 Read Safety Data Sheet before use.
- P210 – Keep away from ignition sources – No smoking.
- P233 – Keep container tightly closed.
- P240 – Ground/Bond container and receiving equipment
- P241 – use explosion – proof equipment when handling this product.
- P242 – Use only non-sparking tool.
- P243 – Take precautionary measures against static discharge.
- P280 - Wear protective gloves/eye protection/ face protection.
- P202 – Do not handle until all safety precautions have been read and understood.
- P281- Use personal protective equipment as required.
- P260 – Do not breathe gas/fumes/ mist/vapour/spray.
- P264 – Wash hands thoroughly after handling
- P271 – Use only outdoors or in well-ventilated area.

Response:

- P301 + P361 +P353 – IF ON SKIN (or hair): remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P370 + P378 – In case of fire use alcohol resistant foam, Dry Chemical, CO₂ or water fog.
- P308 + P313 – If exposed or concerned: Get medical advice/attention
- P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER 131126 or doctor/physician.
- P331 – Do NOT induce vomiting.
- P263 – wash contaminated clothing before reuse
- P304 + P340 – IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 – IF IN EYES: Rise cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 – Call a POISON CENTER 131126 or doctor/physician if you feel unwell.

Storage:

- P405 – Store in a well-ventilated place. Keep cool.

Disposal:

- P501: Dispose of contents/container in accordance with local waste management authority.

Poison Schedule (Australia): 6

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	
Toluene	108-88-3	30 – 60%	H225, H361, H304,H373, H315,H336
Hydrocarbon Solvents	-	30 – 60%	
Oxygenated Solvents	-	30 - 60%	

4. FIRST AID MEASURES

Inhalation: Remove victim from exposure - avoid becoming a casualty. For all but the most minor symptoms arrange for the patient to be seen by a doctor as soon as possible, either on site or at the nearest hospital. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration at once if breathing has stopped. Remember to open airway by tilting head back, remove dentures or vomit if obstructing. In the event of cardiac arrest apply external heart massage. If breathing labored and patient cyanotic (blue) give oxygen through a face mask.

Skin Contact: Remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse. Seek medical assistance if irritation occurs.

Eye Contact: Hold eyes open, flood with water for at least 15 minutes and see a doctor.

Ingestion: Do NOT induce vomiting. Administer vegetable oil. Get medical attention. Gastric lavage should only be given after endotracheal intubation.

Notes to Doctor: Treat according to symptoms. Because of risk of aspiration gastric lavage should only be attempted after endotracheal intubation.

5. FIRE FIGHTING MEASURES

Specific Hazards: Highly flammable liquid. Combustion products include oxides of carbon. Avoid heat and sources of ignition. Prevent build up of flammable vapours.

Fire- fighting advice: Wear breathing apparatus, full protective clothing, appropriate boots and chemically impervious protective gloves while attending hazard. Prevent the product and or extinguishing media from entering drains or waterways. Hoses should be electrically continuous and containers bonded to avoid static build up. Use water to cool fire exposed containers.

Suitable Extinguishing Media: Foam, Dry Chemical, CO2, Water Fog.

Hazchem Code: 3[Y]E

Flammability: Flammable.

6. ACCIDENTAL RELEASE MEASURES

Prevent the product and or extinguishing media from entering drains or waterways. For large spills, contain using sand or soil. Absorb using sand, soil, vermiculite or some other inert material. Collect and seal in properly labelled containers for disposal.

7. HANDLING AND STORAGE

Handling advice: Use in well ventilated areas away from ignition sources. Only use equipment that is intrinsically safe for use with flammable liquids and vapours. Keep containers closed when not in use.

Storage advice: Store in a cool, well ventilated area away from heat and ignition sources. Store away from strong oxidising agents. Containers should always be kept closed in storage and properly labelled.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

Exposure standard for vapour: 100 ppm

Engineering Controls: Keep away from sources of ignition. Take precautionary measures against precautionary measures against static discharges. Provide sufficient ventilation to control exposure levels below the exposure standards. Use local exhaust ventilation at sources of air contamination such as open process equipment. Dangerous concentrations may exist in areas with poor ventilation such as confined spaces. Protect against accidental release to waterways and drains. Use in a well ventilated area. Do not lean over vessels containing liquid or vapour.

Personal Protection Equipment: Wear chemical gloves, goggles or face shield. Wear protective clothing as necessary to avoid skin contact. Wear chemical resistant gloves. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. This product is harmful if inhaled. Respirators should comply with AS1716 or an equivalent approved by a state or territory authority.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless, thin, volatile solvent with a pungent aromatic odour

Boiling Point: 80 °C

Melting Point: Not Known

Flash Point: - 6 °C

Vapour Pressure: 25.8 kPa @ 38 °C

Vapour Density (Air = 1): 4

Flammability Limits: LEL 1.1% UEL 7.7%

Specific Gravity: 0.85

pH (1% dispersion): 7.0

Solubility in water: Insoluble

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Corrosiveness: Non-corrosive

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingested: Irritant to the mouth, throat and digestive tract. May cause nausea, dizziness, and central nervous system depression. A large dose may cause drowsiness and lead to unconsciousness.

Eye: May injure tissue, irritating causing redness.

Skin: May result in moderate irritation. Has a degreasing action on skin. Repeated or prolonged contact may result in dermatitis.

Inhaled: Vapour is irritant to mucous membranes and respiratory tract. May result in headaches dizziness and possible nausea. In high concentrations can produce central nervous system depression, which can lead to loss of coordination, impaired judgment and, if exposure is prolonged, unconsciousness. Effects can be potentiated by alcohol and effort.

Chronic: May irritate skin on prolonged or repeated exposure. The use of gloves is recommended.

12. ECOLOGICAL INFORMATION

This substance may be hazardous to the environment. May be harmful to fish. Water polluting substance. Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority

14. TRANSPORT INFORMATION

UN Number: 1993

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S

Dangerous Goods Class: 3

Subsidiary risk: None

Packing Group: II

Hazchem Code: 3[Y]E

Road and Rail Transport: Classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code for transport by road and rail.



15. REGULATORY INFORMATION

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Poisons Schedule: 6

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since ADVANCE CHEMICALS can not anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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