SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **PAINT STRIPPER TWO PACK GS711**
Synonyms: UN2810, TOXIC LIQUID, ORGANIC, N.O.S.

Use: Used for removal of paints and organic coatings from a variety of hard surfaces.

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

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 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Classification of the substance or mixture:
Carcinogenicity – Category 2
Flammable Liquid – Category 1
Acute Toxicity (INHALATION) – Category 3
Acute Toxicity (DERMAL) – category 3
Acute Toxicity (ORAL) – category 3
Toxic to Reproduction – Category 2
Specific target organ toxicity (single exposure) – category 1
Specific target organ toxicity (repeated exposure) – Category 1
Hazardous to the aquatic environment (acute) – category 1
Hazardous to the aquatic environment (chromic) – category 1

SIGNAL WORD: DANGER

Hazard Statement(s):
H351 – Suspected of causing cancer
H225 – Highly flammable liquid and vapour.
H331 – Toxic if inhaled
H311 – Toxic if contact with skin
H301 – Toxic if swallowed
H370 – Causes damage to organs
H410 – Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

Prevention:
P102 Keep out of reach of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P201 – Obtain special instructions before use
P202 – Do not handle until all safety precautions have been read and understood
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.
P260 – Do not breathe fumes/gas/mist/vapours or spray.
P264 – wash hands, face and all exposed skin thoroughly after handling
P270 – Do not eat, drink or smoke when using this product.
P271 – use only outdoors or in a well ventilated area.
P280 - Wear protective gloves/eye protection/ face protection.

Response:
P101 – If medical advice is needed, have product container or label at hand
P301 + P310 + P331 – If SWALLOWED: do NOT induce vomiting. Immediately call a POISON CENTER (131126) or doctor/physician.
P303 + P361 +P353 – IF ON SKIN (or hair): remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308 + P313 – If exposed or concerned: Get medical advice
P363 – 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: Rinse caustiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

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

Poisons Schedule (Australia): 6

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Methylene Chloride	75-09-2	Greater than 60%	**H351**
Methanol	67-56-1	10 – 30%	**H225, H331, H311, H301, H370**
Benzyl Alcohol	25154-52-3	Less than 10%	

4. FIRST AID MEASURES

Inhalation: Remove victim from exposure. Avoid becoming a casualty. Allow patient to assume his most comfortable position and keep warm. Keep at rest until fully recovered. If breathing is laboured and patient cyanotic, ensure airways are clear and have a qualified person give oxygen through a face mask. Seek immediate medical attention.

Skin Contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water for 15 minutes. If irritation develops, seek immediate medical attention. Ensure contaminated clothing is washed before re-use or discard.

Eye Contact: Hold eyelids apart and flush continuously with running water for about 15 minutes. Take care not to rinse contaminated water into non-affected eye. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly with water. Do not give anything by mouth if patient is unconscious. Seek immediate medical attention.

Notes to Doctor: Treat symptomatically. Do not administer catecholamines because of the cardiac effect of this product. For advice, contact Poisons Information Centre 131 126.

5. FIRE FIGHTING MEASURES

Specific Hazards: Temperatures above 120^{o}C. Thermal decomposition produces toxic and corrosive products such as hydrogen chloride gas, carbon monoxide and phosgene.

Firefighting advice: Wear self-contained breathing apparatus and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Keep run-off water out of sewers and water sources as much as possible.

Fire Extinguishing Media: water spray, foam, carbon dioxide or dry chemical.

Hazchem Code: 2X

Flammability: Non Flammable Liquid.

6. ACCIDENTAL RELEASE MEASURES

Evacuate all unnecessary personnel. Wear sufficient respiratory protection and protective clothing to minimise respiratory, skin and eye exposure. Stop the leak if safe to do so, and contain spill. Prevent spillage from entering drains or waterways. Place inert absorbent, non-combustible material onto spillage. Collect spilled material into labelled containers for recycling or disposal. Clean up spillage area, and prevent runoff from entering drains and waterways. If the spilled material enters the waterways contact the Environmental Protection Authority or your local waste management Authority.

7. HANDLING AND STORAGE

Handling advice: Build up of mists and vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection must be prevented in order to lessen the possibility of skin and systemic disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene. Wash hands prior to eating, drinking, smoking or using toilet facilities.

Storage advice: Store in a dry, well-ventilated area away from heat, sources of ignition, foodstuffs and clothing and out of direct sunlight and moisture. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

	TWA		STEL	
	ppm	**mg/m^3**	**ppm**	**mg/m^3**
Methylene Chloride	50	174		
Methanol	200	262	250	328

Methylene Chloride is Category 3 carcinogen: substances suspected of having carcinogenic potential.

Engineering Controls: Good ventilation adequate to maintain airborne contamination below the exposure limits is required. The use of a local exhaust ventilation system drawing vapours/mists away from worker's breathing zone is strongly recommended. If engineering controls are not sufficient to maintain concentrations of particulates below exposure standards, suitable respiratory protection must be worn.

Personal Protection Equipment: If engineering controls are not effective in controlling airborne exposure then:

- Use of an air respirator complying with AS/NZS 1715 and AS/NZS 1716 is recommended. Filter capacity and respirator types depend on exposure and individual circumstances.
- Safety glasses with side shields or goggles must be worn. Eye protection must conform to AS/NZS 1337.
- Wear Ansell PVA™ or MSA Solvgard gloves conforming to AS/NZS 2161.
- Suitable chemical resistant clothing must be worn and if large quantities of product are involved, a plastic apron and rubber boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colourless liquid
Boiling Point: 40^{o}C
Melting Point: Not known
Flash Point: Not applicable
Vapour Pressure: 355 mm Hg at 20^{o}C
Vapour Density (Air = 1): 5.8
Flammability Limits: Not applicable
Specific Gravity: 1.24
pH: Not applicable
Solubility in water: Insoluble but dispersible
Corrosive: Non-corrosive

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and handling. It decomposes in contact with flames or hot surfaces. It also decomposes in presence of light or catalysts. In presence of moisture, hydrolysis of the substance can take place with the production of hydrogen chloride that self-catalyses the reaction.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingested: May cause irritation of the gastrointestinal system. Symptoms may include nausea, vomiting, abdominal pain and diarrhoea. May cause euphoria, irritability, loss of appetite, sleepiness, stupor, convulsions, numbness, limb tingling and other central nervous system effects including headache, dizziness, fatigue, loss of coordination, unconsciousness and possibly death.

Eye: Eye contact may cause redness, lachrymation, stinging, swelling and possible superficial lesions of cornea or temporary conjunctivitis.

Skin: Strong Irritant to the skin. Has a degreasing action on skin. Repeated or prolonged skin contact may lead to dermatitis.

Inhaled: Vapour irritates mucous membranes and respiratory tract. Even small concentrations can produce symptoms such as headache, nausea, dizziness, central nervous system depression and loss of consciousness. Effects can be potentiated by alcohol and effort.

Chronic: Evidence from animal tests indicates that repeated or prolonged exposure to high concentrations may result in liver, kidney and heart disorders. Methylene chloride is classified as a suspected human carcinogen.

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow product to enter drains, waterways or sewers.

LC50 (fish, 96h) = 193 - 510 mg/L
EC50, 30 min > 1000 mg/L

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to Environmental Protection Authority, federal, state and local regulations.

14. TRANSPORT INFORMATION

UN Number: 2810

Proper Shipping Name: UN2810, TOXIC LIQUID, ORGANIC, N.O.S.

Dangerous Goods Class: 6.1

Subsidiary risk: N/A

Packing Group: III

Hazchem Code: 2X

Road and Rail Transport: This product is classified as Dangerous Goods according to criteria of the Australian Code for Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

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SIGNAL WORD: DANGER

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 cannot anticipate or control the conditions under which this information can be used, each user must review this information in the specific context of the intended application.

ADVANCE CHEMICALS will not be responsible for any damage or loss of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those mandated by Commonwealth, State or Territory legislation.

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