

SAFETY DATA SHEET

1. Product and Company Identification

Company Name:	Sierra Aust Pty Ltd 17 Delta Street, Geebung Queensland 4034 sales@sierrachem.com.au	Ph (07) 3216 5099 Fx (07) 3216 5199
Emergency Contact:	Sierra (07) 3216 5099	Poisons Information Centre 13 11 26

Product Name: Citramax
Product Code: 4605, 4609
Intended Use: Degreaser, glue remover
Chemical Nature: Mixture - liquid

2. Hazards Identification

Classified as Hazardous: according to health criteria of Safe Work Australia

Classified as Non Dangerous Goods: according to the Australian Dangerous Goods Code for transportation by road and rail.



GHS Signal Word: Danger

Hazard Classifications

Aspiration Hazard - Category 1
Skin Corrosion/Irritation - Category 2
Sensitisation - Skin - Category 1
Serious Eye Damage/Irritation - Category 2A
Acute Aquatic Toxicity, Category 1
Chronic Aquatic Toxicity, Category 1

Hazard Statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.

Prevention Precautionary Statements

P233 Keep container tightly closed
P261 Avoid breathing dust, fume, gas, mist, vapours or spray..
P264 Wash hands, face and all exposed skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statements

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse.
Rinse skin with water/shower
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332+P313 If skin irritation occurs: Get medical advice/attention
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse
P391	Collect spillage

Storage Precautionary Statements

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local regulations.

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. Composition / Information on Ingredients

Substance / Mixture: Mixture
Product Description: liquid

Chemical Name	Cas Number	% In Product
D-Limonene	5989-27-5	<50%
dimethyl glutarate	1119-40-0	<20%
dimethyl adipate	627-93-0	<5%
dimethyl succinate	106-65-0	<5%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if applicable are listed in section 8.

4. First aid Measures

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: Effects may be delayed. If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Immediately call Poisons Centre or Doctor.

Notes to physician: Treat symptomatically. Effects may be delayed.

5. Fire Fighting Measures

Suitable extinguishing equipment

For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray, fog or foam. Do not use water in a jet.

Specific hazards arising from the chemical

Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

Special protective equipment and precautions for fire fighters

Wear full protective clothing and self-contained breathing apparatus.

6. Accidental Release Measures

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods Initial Emergency Response Guide No: Not applicable

7. Handling and Storage

Handling: Avoid eye contact and skin contact. Avoid inhalation of vapour. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Handle and open containers with care in a well-ventilated area.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks

8. Exposure Controls and Personal Protection

Exposure control measures

No exposure standard has been established by National Occupational Health & Safety Commission (NOHSC) Worksafe Australia.

Biological monitoring

No biological limit allocated.

Engineering controls

Ensure that adequate ventilation is provided. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

Individual protection measures

Eye and face protection: Wear safety goggles.

Skin protection: Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.

Respiratory protection: If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Thermal hazards: Not applicable.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and Chemical Properties

Physical State:	Liquid	Specific Gravity:	0.96
Colour:	clear to yellow	Vapour Pressure:	n/a
Odour:	Citrus	Volatiles:	n/a
pH:	data not available	Vapour Density:	n/a
Boiling Point:	data not available	Solubility:	miscible with water
Flash Point:	>75°C	Evaporation Rate:	n/a

10. Stability and Reactivity

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials

Strong oxidising agents.

Hazardous decomposition products

Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. Toxicological Information

Acute toxicity: Expected to be of low toxicity, LD50 Oral (rat) > 2000 mg/kg

Skin corrosion/irritation: Irritating to skin

Serious eye damage/irritation: May be irritating to eyes

Respiratory or skin sensitisation: May cause sensitisation by skin contact

Germ cell mutagenicity: Not expected to be mutagenic

Carcinogenicity: Not expected to be carcinogenic

Reproductive toxicity: Not expected to impair fertility

Specific Target Organ

Toxicity (STOT) – single exposure: Data not available

Specific Target Organ

Toxicity (STOT) – repeated exposure: Repeated or prolonged exposure can cause defatting of skin and can lead to dermatitis

Aspiration hazard: Data not available

12 Ecological Information

Ecotoxicity

Product	Species	Test Results
D-Limonene (CAS 5989-27-5)		
Aquatic		
Acute		
Crustacea	EC50 Water flea (Daphnia Magna)	0.36mg/l, 48 hours
Fish	LC50 Flathead Minow (Pimephales Promelas)	0.7mg/l, 96 hours
Ecotoxicity:	Toxic to aquatic life	
Environmental Effects:	Toxic to aquatic organisms	
Aquatic Toxicity:	Toxic to aquatic organisms	
Persistence and Degradability:	Readily biodegradable	

Other adverse effects

No data available.

13 Disposal Considerations

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. Transport Information

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory Information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule: Not scheduled

Australian Inventory of Chemical Substances (AICS): Listed

Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76): not applicable

16. Other Information

This SDS contains only safety related information. For other information see product literature.

Every endeavor has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Sierra (Aust) Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.