

SAFETY DATA SHEET

1. Product and Company Identification

Company Name:	Sierra (aust) Pty Ltd 17 Delta Street, GEEBUNG QLD 4034 Australia	Ph +617 3216 5099
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Product Name: **Hydro Spray/Ceramix**
Product Code:
Intended Use: Automotive Surface Treatment
Chemical Nature: Mixture

2. Hazards Identification

2.1 GHS Hazard Classification

Physical: Non-hazardous
Health: Category 2A for eye irritation

2.2 GHS Label Elements

Symbol: 
Signal Word: Warning
Hazard Statement(s): Causes serious eye irritation

**Precautionary Statement(s)
 Prevention:**

P264
Wash all contaminated skin thoroughly after handling.
 P280
Wear eye protection and/or face protection such as goggles or face shield.

Response: P305 + P351 + P338
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313

Storage: Not applicable
Disposal: Not applicable

3. Composition / Information on Ingredients

Substance / Mixture: Mixture

Ingredients determined to be non-hazardous or below the required threshold.

4. First aid Measures

4.1 Description of Necessary First Aid Measures

General Advice: If there is an accident or you are feeling unwell, or if in any doubt, seek medical attention immediately.

Ingestion: Rinse mouth with water
 If swallowed, do NOT induce vomiting
 Remove victim to a quiet well ventilated area.
 Call for medical attention. Keep airway clear. Give oxygen if face is

Eye: blue. Loosen tight clothing. If unconscious put in prone position. If in eyes wash out immediately with water. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Inhalation: Remove to fresh air. Seek medical attention if there are any unusual symptoms.

4.2 Medical Attention and Special Treatment

First Aid Facilities: Safety shower and eye wash station is advised

Comments: Treat according to symptoms. Seek medical advice or treatment if required.

Advice to Doctor: Advise of the chemical mixture and that it is an amino silicone oil emulsion. Give the First Aid information given above. Relate exactly how the accident happened and what has been done since then.

5. Fire Fighting Measures

5.1 Suitable Extinguishing Media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, dry agent (carbon dioxide, dry chemical powder)

5.2 Hazards from Combustion Products: Hazardous gases and fume: Carbon Oxides, and silicon oxides

5.3 Special Protective Precautions and Equipment for Fire Fighters: Not combustible, however following evaporation of aqueous component, residual material can burn if ignited.

5.4 Hazchem Code: Not applicable

6. Accidental Release Measures

6.1 Emergency Procedures: **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:** Clean area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. If contamination of crops, sewers or waterways has occurred advise local emergency services.

6.2 Methods and Materials for Containment and Clean Up: Keep spilled material contained and away from drains and waterways. Mop up with absorbent material such as rags, sand or vermiculite. Best pumped into separate containers. Keep the public away from spills. Will be slippery underfoot. Use polyethylene containers or lined steel Drums. Dispose in according to Commonwealth and State regulations.

7. Handling and Storage

- 7.1 Precautions for safe handling:** Wash hands after handling. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.
- 7.2 Conditions for safe storage:** Keep out of reach of children. Keep container tightly closed. Store in a cool, dry, well ventilated area, removed from heat and foodstuffs. Ensure containers are adequately labeled, and sealed when not in use. Store below 30°C and out of direct sunlight.

8. Exposure Controls and Personal Protection

- 8.1 National Exposure Standards:** No data available
- 8.2 Biological Limit Values:** No data available
- 8.3 Engineering Controls:** No special requirements.
- 8.4 Personal Protective Equipment:** SHOES, GLOVES, & SAFETY GLASSES.
Wear safety shoes, overalls, gloves, chemical goggles. Use with adequate ventilation. Wash contaminated clothing and other protective equipment before storing or re-using.
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 repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.
Cover as much skin as possible with loose fitting work clothes.

9. Physical and Chemical Properties

- 9.1 Physical Description/Properties**
- Appearance:** Clear coloured, slightly opalescent free flowing liquid.
- Odour:** Sweet
- pH:** 6.5 – 7.0
- Vapour Pressure (20°C):** No data available
- Relative Vapour Density (air=1):** Similar to water
- Boiling Point/Range (°C):** Approximately 100°C
- Freezing/Melting Point (°C):** No data available
- Solubility:** Soluble in Water
- Specific Gravity (@20°C):** 1.0
- 9.2 Information for Flammable Materials**
- Flash Point (°C):** Non-flammable
- Lower Explosive Limit (%):** Not applicable
- Upper Explosive Limit (%):** Not applicable
- Autoignition Temperature (°C):** Not applicable
- 9.3 Additional Information**
- Specific Heat Value:** No data available
- Particle Size:** Not applicable
- Volatile Organic Compounds Content:** 0%
- Evaporation Rate:** Similar to water
- Viscosity:** 5 cPs
- Octanol/Water Partition Coefficient:** Not determined
- Saturated Vapour Concentration:** Not determined
- Shock sensitivity:** None known

Corrosiveness: Low with most metals (similar to water)
Oxidizing properties: None
Reactivity with Common Substances: Low reactivity (similar to water)
Solubility in Organic Solvents: Miscible with alcohols to a limited extent.

9.4 Additional Characteristics Not Noted Above

Flame Propagation/Burning Rate: Not flammable
Properties that may Initiate or Uniquely Contribute to the Intensity of a Fire:
Potential for Dust Explosion: None
Reactions that Release Flammable Gases or Vapours: Not flammable
Fast or Intensely Burning Characteristics: Not flammable
Non-flammables that could Contribute Unusual Hazards to a Fire: None known
Release of Invisible Flammable Vapours and Gases: Not flammable

Decomposition Temperature: >100°C

10. Stability and Reactivity

- 10.1 Chemical Stability:** This material is thermally stable when stored and used as directed.
- 10.2 Conditions to Avoid:** None known
- 10.3 Incompatible Materials:** Oxidizing agents
- 10.4 Hazardous Decomposition Products:** Above 150°C in the presence of air will form silica fume and formaldehyde
- 10.5 Hazardous Reactions:** Not classified as a reactivity hazard.

11. Toxicological Information

11.1 Likely Route of Exposure: Ingestion Skin contact Inhalation
 Eye

11.2 Health Effects from Likely Route of Exposure

Acute toxicity: Not known to be hazardous
Skin corrosion/irritation: Not known to be hazardous
Serious eye damage/irritation: May cause irritation
Respiratory or skin sensitization: Not known to be hazardous
Germ cell mutagenicity: Not known to be hazardous
Carcinogenicity: Not known to be hazardous
Reproductive toxicity: Not known to be hazardous
Single Target Organ Toxicity (single exposure): Not known to be hazardous
Single Target Organ Toxicity (repeated exposure): Not known to be hazardous
Aspiration Hazard: Not known to be hazardous

12. Ecological Information

12.1 Ecotoxicity:	No information available
Aquatic toxicity:	No information available
Behaviour in sewage processing plants:	No information available
12.2 Persistence and Degradability:	Biodegradable
12.3 Mobility:	No information available
12.4 Environmental Fate:	Silicones degrade to volatile cyclic
12.5 Bioaccumulative Potential:	Biodegradable

13 Disposal Considerations

13.1 Disposal methods:	Dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
13.2 Special Precautions:	None known.

14. Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

15. Regulatory Information

15.1 Poisons Schedule:	Not applicable
15.2 Classifications:	Not applicable
15.3 Hazard Codes:	Not applicable
15.4 Risk Phrases:	Not applicable
15.5 Safety Phrases:	Not applicable
15.6 Additional Information:	

16. Other Information

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

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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 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.