

SAFETY DATA SHEET

1. Product and Company Identification

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

Product Name: **Dust Set**
Product Code: 9259
Intended Use: Dust Suppressant Concentrate
Chemical Nature: Mixture - Liquid

2. Hazards Identification

Hazardous Chemical according to classification by Safe Work Australia
Non Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

GHS Signal Word: **Danger**

GHS Label Elements: Hazard pictograms



Acute toxicity (Oral): Category 4
Serious eye damage /eye irritation Category 1

Hazard Statements: H302 Harmful if swallowed
H318 Causes serious eye damage

Precautionary Statements: **Prevention:**
P264 Wash skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P280 Wear eye protection/face protection
Response:
P301+P312+P330 IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth.
P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.
Disposal:
P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition / Information on Ingredients

Substance / Mixture: Mixture

Chemical Name	Cas Number	% In Product
Alcohols, C12-14, ethoxylated	68439-50-9	>=10 - <=30
Other ingredients not classified as hazardous		

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

In case of eye contact:	Small amounts slashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
In case of skin contact:	If on skin, rinse well with water. If on clothes, remove clothes. If skin irritation persists call a doctor.
If Ingested:	Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk, or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
If Inhaled:	If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

5. Fire Fighting Measures

Suitable Extinguishing Media:	Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemical. Do not use water jet.
Unsuitable Extinguishing Media:	None known.
Specific Hazards arising from the Chemical:	This product is not a combustible liquid.
Special protective equipment for fire fighters:	Use personal protective equipment, including SCUBA for firefighting if necessary.
Hazardous decomposition:	No data is available on the product itself.
Special Fire Fighting Procedures:	Clear fire area of personnel. Do not enter confined fire area without full bunker gear and positive pressure breathing apparatus. Spills will be slippery. Do not allow run-off from firefighting to enter drains or water courses.

6. Accidental Release Measures

Personal Precautions:	Use personal protective equipment.
Environmental Precautions:	Do not allow run-off from firefighting to enter drains or water courses. If the product contaminates rivers and lakes or drains, inform respective authorities.
Methods of cleanup:	Soak up with inert absorbent material. Keep in suitable closed containers for disposal.

7. Handling and Storage

Precautions for safe handling:	Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection, see section 8. Smoking, eating and drinking should be prohibited in the application area. Wash hands after handling.
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.
Materials to Avoid:	Keep away from oxidizing agents.

8. Exposure Controls and Personal Protection

Exposure Standards

No exposure standards have been entered for this product.

Biological Limits

No biological limit values have been entered for this product.

Personal Protection:

- Eyes:** Eye wash bottle with pure water. Tightly fitting safety goggles. Wear face shield and protective suits for abnormal processing problems. Refer to Australian/New Zealand Standards 2161:1:2000 for guidance on selection and use of protective gloves.
- Hands:** Refer to Australian/New Zealand Standards 1337:1992 for guidance on selection and use of protective eyewear.
- Skin:** Impervious clothing. Choose body protection according to the amount and concentration of the product at the workplace.
- Respiratory:** Not required under normal conditions of use.



9. Physical and Chemical Properties

Physical State:	Liquid	Specific Gravity:	1.0
Colour:	Clear	Vapour Pressure:	No data available
Odour:	slight	Volatiles:	No data available
pH:	5.5 – 7.0	Vapour Density:	No data available
Melting Point:	10 - 14° C	Solubility:	100%
Flash Point:	>150° C	Evaporation Rate:	No data available

10. Stability and Reactivity

- Chemical Stability:** The product is stable.
- Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to Avoid:** No data available.
- Incompatible Materials:** No data available.
- Hazardous decomposition products:** Carbon dioxide, carbon monoxide.

11. Toxicological Information

Acute toxicity:

Ingestion: Acute oral toxicity – Product. Acute toxicity estimate: 1,564mg/kg Method: Calculation method.

Eyes: May cause irreversible eye damage.

Skin: Extremely corrosive and destructive to tissue. Acute dermal toxicity. Alcohols, C12 – 14 ethoxylated: LD50 (rabbit, male and female): >3,000 mg/kg GLP: yes

Inhalation: Acute inhalation toxicity. Alcohols, C12 – 14 ethoxylated: LC50 (rat):>1600 mg/kg Exposure time: 4hr. Test atmospheric: dust/mist. Method: OECD Test guideline 403.

Chronic toxicity:

Germ cell mutagenicity: No evidence of mutagenicity.

Carcenogenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration toxicity: No data available.

12. Ecological Information

Ecotoxicity

Alcohols, C12-C14, ethoxylated:

Acute toxicity:

Fish –	LC50(Cyprinus carpio (Carp)): 3 mg/l 96hr. fresh water.
Aquatic invertebrate –	EC50 (Daphnia magna (water flea)): 1.9mg/l. 48hr. Static test. Fresh water.
Algae –	ErC50 (Desmodesmus subspicatus): 2.2mg/l 72hr Static test. Fresh water.
Microorganisms –	No data available

Chronic toxicity:

Fish –	EC20 (fathead minnow): 1.68mg/l 30d Fresh water
Aquatic invertebrate –	EC20 (water flea): 1.09mg/l 21d Fresh water
Algae –	Data not available
Microorganisms –	Data not available

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

Does not bioaccumulate.

Mobility in soil

Data not available

13 Disposal Considerations

Disposal methods: The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal Considerations: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

14. Transport Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture

R-phrases(s)	: R22 R41	Harmful if swallowed. Risk of serious damage to eyes.
S-phrases(s)	: S26 S39	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection.

Standard for the Uniform

Scheduling of Medicines and Poisons: No poison schedule number allocated

Other international regulations

The ingredients of this product are reported in the following inventories:

CH INV	: The mixture contains substances listed on the Swiss Inventory
TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL.
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

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.