

SAFETY DATA SHEET

1. Product and Company Identification

Company Name: Sierra Aust Pty Ltd
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Product Name: **Anti-odour**
Product Code: 9230
Intended Use: Odour control
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 Classification: Eye damage/irritation Category 1



GHS Signal Word: **DANGER**

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

Precautionary Statements:

General: P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.

Preventative: P280 Wear protective gloves/eye protection/face protection

Response: P305 + PP351 + P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTRE or doctor or physician.

Storage: P233 Keep container tightly closed.

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

3. Composition / Information on Ingredients

Ingredients Names and Proportions

Chemical Entity	Cas Number	Proportion(%)
Fatty Acid Diethanolamide	68603-42-9	<5
Quaternary ammonium compound	68391-01-5	<5

4. First aid Measures

In case of eye contact: If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical attention.
 In case of skin contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention.
 If Ingested: If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment.
 If Inhaled: Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.

Symptoms caused by exposure

Inhalation: May result in burning sensation of the nose and throat, headache, nausea and drowsiness.
Skin: May include skin burns, redness, swelling and/or blisters
Eyes: May cause serious eye irritation. May include burning sensation, redness, swelling and or blurred vision, with damage to the cornea
Ingestion: May result in nausea, vomiting and stomach pain.

Medical attention and special treatment

Treat symptomatically

5. Fire Fighting Measures

Suitable Extinguishing Media: Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet

Specific Hazards arising from the Chemical: When heated to decomposition, may emit oxides of carbon and nitrogen. May also emit ammonia.

Special protective equipment for fire fighters: Wear full protective clothing and self contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions: Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Ventilate contaminated area thoroughly.

Environmental Precautions: Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers.

Methods of cleanup: For small spills (<1 drum), dilute with water and mop up, or absorb with dry inert material, and place in an appropriate labeled, sealable container for product recovery or safe disposal.
For larger spills (>1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

7. Handling and Storage

Precautions for safe handling: Avoid breathing vapours. Do NOT ingest. 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. Ensure the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains.

Conditions for safe storage: Store in a cool, well ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidants and corrosives.

8. Exposure Controls and Personal Protection

Exposure Control Measures: From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia
Diethanolamine: 13mg/m³ (3ppm) TWA (8hr)

Biological Monitoring: No biological limit allocated.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. 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 of PVC and neoprene for incidental splashes.

Respiratory protection: If work practices do not maintain airborne levels 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.

9. Physical and Chemical Properties

Appearance:	Clear Liquid	Density (g/ml@15°C):	data not available
Odour:	Typical	Solubility (kg/m ³):	miscible with water
Initial Boil point range:	100°C	Auto ignition temp (°C)	data not available
Flash point:	not applicable	Vapour Density:	data not available
Flammability:	non flammable	(air=1 @ 15°C)	
Vapour pressure:	data not available	Upper/lower flammability:	not applicable
(kPa@20°C)		or explosive limits (%)	

10. Stability and Reactivity

Reactivity: Stable under normal conditions of use
Chemical Stability: Stable under normal conditions of use
Possible Hazardous reactions: Stable under normal conditions of use
Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources
Incompatible materials: Strong oxidizing agents.
Hazardous Decomposition products: Burning can produce ammonia, oxides of carbon and nitrogen.

11. Toxicological Information

Acute toxicity:	Fatty Acid Diethanolamide: Oral (rat) LD50 2.0 – 5.0g/kg
Skin corrosion/irritation:	Repeated skin contact may cause a persistent irritation or dermatitis.
Serious eye damage/irritation:	Irritating to the eyes. Treat promptly
Respiratory or skin sensitisation:	Data not available
Germ cell mutagenicity:	Data not available
Carcinogenicity:	Data not available
Reproductive toxicity:	Data not available
Specific Target Organ Toxicity (STOT) – single exposure:	Data not available
Specific Target Organ Toxicity (STOT) – repeated exposure:	Data not available
Aspiration hazard:	No aspiration hazard expected.

12. Ecological Information

Ecotoxicity

Acute toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Chronic toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Persistence and degradability

Biodegradable.

Bioaccumulative potential

Data not available.

Mobility in soil

Miscible with water

13 Disposal Considerations

Ensure waste disposal conforms to local waste disposal regulations.

14. Transport Information

UN number:	Not applicable
Proper shipping name:	Not applicable
Australian Dangerous Goods class:	Not applicable
Australian Dangerous Goods packing group:	Not applicable
Hazchem code:	Not applicable

15. Regulatory Information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	5
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.