

SAFETY DATA SHEET ANTI FOAM

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Anti-Foam
Synonyms: -
Product Type: De-foamer

Company Name: Hi-Tech Ag Solutions
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2. HAZARDS IDENTIFICATION

2.1 Hazard Classification: Hazardous Chemical according to Australian GHS criteria, category 2A
Non- Dangerous Goods according to ADG code

2.2 Label Elements:



Signal Word Warning

Hazard Statement(s): H319 – Causes serious eye irritation

Precautionary Statement(s): P280 – Wear protective gloves /eye protection /face protection

Response: P305 + P351 + P338 – If in EYES: Rinse with water for several minutes. Remove contact lenses if present and continue rinsing.
P337 + P313 – If eye irritation persists, seek medical attention.

Storage N/A

Disposal N/A

2.3. Other Hazards No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Compound	CAS Number
Isotridecanol Ethoxylated	78330-21-9
Cetyl/Oleyl Ethoxylated	8065-81-4
Ammonium mono C 10-16 alkyl sulphate	68081-96-9
Water (H ₂ O)	

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4. FIRST AID MEASURES

4.1. Description of First Aid measures:

Inhalation: Unlikely to cause immediate or delayed symptoms.

Ingestion: Unlikely to cause immediate or delayed symptoms. Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical assistance.

Skin Contact: Unlikely to cause immediate or delayed symptoms. Remove contaminated clothing and wash skin with soap and water. If irritation occurs seek medical advice.



Eye: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist, seek medical attention.



4.2 Medical attention and special treatment

First Aid Facilities: Eyewash, Shower and normal washroom facilities

Advice to Doctor: Treat symptomatically.

Other Information: For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

4.3 Aggravated Medical conditions caused by exposure: None known

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media: Fine water spray, normal foam, dry agent, carbon dioxide

5.2 Specific Hazards arising from the substance: A fire may cause hazardous fumes. Exposure to combustible product maybe a health hazard. Hazardous combustible products include: silicone oxides, carbon dioxide, hydrocarbons and other toxic chemicals.

5.3 Special Protective precautions and Equipment for fire - fighting: A respirator and protective clothing, should be used. Keep unprotected persons away. Keep containers cool with a water spray.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, PPE and emergency procedures: Wear protective clothing, gloves boots, slippery when wet.

6.2 Environmental Precautions: Prevent run-off into drains and waterways.

6.3 Methods and materials for containment and clean up: Contain and use an absorbent material (sand, soil or other inert material) and place in clearly labelled containers, for disposal. Dispose according to state and commonwealth regulations.

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7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Wear protective clothing, avoid contact with skin and eyes.

7.2 Conditions for Safe Storage including any incompatibilities:

Keep containers closed at all times, check regularly for leaks. Store below 30°C, do not freeze

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters:

National Exposure Standards No exposure value assigned for this specific material

Biological Limit Values No biological limits allocated.

8.2 Engineering Controls:

Natural ventilation should be adequate, under normal conditions.
Keep containers closed when not in use.

8.3 Personal Protection Equipment:

Avoid eye and prolonged skin contact. Wear personal protective overalls, safety goggles and impervious gloves.
Always wash hands before smoking, eating, drinking or using the toilet.
Wash contaminated clothing and other protective equipment, before storage or re-use.
If risk of inhalation of spray mist, exist, wear combined organic vapour/particulate respirator, meeting the requirements as per AS/NZS 1715 and AS/NZS 1337

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical description Properties:

Appearance:	White – off white liquid		
Odour:	slight	Odour threshold	N Av
Boiling Point (°C):	Approx. 100	Freezing/Melting Point (°C)	0
Solubility in Water:	Completely miscible	Evaporation Rate:	Low
Specific Gravity:	0.98 – 1.01	pH	7.0 – 9.0
Vapour Pressure:	N Av	Vapour Density:	Similar to water
Viscosity (mPas@25°C)	Approx. 100		

9.2 Information for Flammable materials

Flammability	Non-Flammable	Flash Point:	N/A
Lower explosion Limit:	N/A	Upper Explosion Limit:	N/A
Release of Invisible flammable vapours and liquids	N Av		

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9.3 Addition characteristics not noted above:			
Thermal Decomposition((°C)	>250	Partition Coefficient: n-octanol/water:	N/A
Specific heat value	N Av	Particle Size	N Av
Volatile organic Compds:	0	% Volatile	N Av
Saturated vapour Conc.:	0	Decomposition Temp.	N Av
N/A – Not Applicable		N Av – Not available	

10. STABILITY AND REACTIVITY

10.1 Reactivity: If stored and handled in accordance with standard industrial practices, no hazardous reactions are known.

10.2 Chemical Stability: Stable under normal conditions of storage and handling temperature/pressure

10.3 Conditions to Avoid: None known

10.4 Incompatible Materials: None known

10.5 Hazardous decomposition Products: At temperatures above 150°C, a small amount of Formaldehyde is released through oxidation. This applies to the silicone content of the substance.

11. TOXICOLOGICAL INFORMATION

11.1 Likely route of exposure: (x) Eye (x) Skin () Ingestion () Inhalation

11.2 Information on Toxicological effects:

Acute Oral Toxicity: No LD50 Data available

Skin Corrosion/Irritation: May cause Skin irritation.

Respiratory or skin sensitization: Data not available

Germ Cell Mutagenicity: Data not available

Carcinogenicity Data not available

Reproductive Toxicity: Data not available

Specific target organ toxicity – single exposure Data not available

Specific target organ toxicity- repeated exposure: Data not available

12. ECOLOGICAL INFORMATION

12.1 Eco Toxicity: No expected damaging effects to aquatic organisms

12.2 Persistence and degradability: Good Elimination (82%/7days). Adsorption to activated sludge.

12.3 Bioaccumulative Potential: Bioaccumulation is not expected to occur

12.4. Mobility in Soil: Insoluble in water. Adsorbed by floating particles. Separation by sedimentation

12.5 Other adverse effects: No Data available.

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13. DISPOSAL CONSIDERATIONS

13.1 Safe Handling and Disposal methods

Material:	Refer to State/Territory Land Waste Management Authority. Normally suitable for disposal at approved land based waste site.
Packaging:	Completely discharge containers. Containers may be recycled or re-used.
Environmental Regulations:	Dispose of in accordance with relevant local, state and federal legislation.

14. TRANSPORTATION INFORMATION

14.1 -14.3 UN Number	N/A
UN Proper Shipping Name Subsidiary Risk(s):	N/A
Dangerous Goods Class Packaging Group	N/A
Land Transport ADG Code (Road and Rail)	Not Regulated for transport
Sea Transport - IMDG	Not Regulated for transport
Air Transport - IATA	Not Regulated for transport
14.4 Environmental Hazards for transport	Relevant information in other sections must be considered.
14.5 Special Precautions during transport	Avoid extreme temperatures 0°C, >30°C
14.6 Hazchem Code	None Allocated

15. REGULATORY INFORMATION

15.1 Safety, health and Environmental regulations/legislation specific for the substance or mixture.

Inventory Listings	The principal components and additives of this product are included in the Australian inventory of Chemical substances (AICS)
Carcinogen Schedule (Australia)	None Allocated
Poisons Schedule:	Not a scheduled poison (standard for the uniform scheduling of drugs and poison)

16. OTHER INFORMATION

Prepared in accordance to the GHS (Globally Harmonised System)

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information on the product, and in particular how to safely handle and use the product. Since Hi-TechAg PTY LTD, cannot anticipate or control the conditions under which the product may be used, a user must review the SDS and work conditions, prior to usage. The SDS does not guarantee specific properties or end use applications.

Abbreviations and Acronyms

N/A – Not applicable

N Av – Not available

GHS – Globally Harmonised System

ADG Code – Australian Dangerous Goods Code for transport of dangerous goods by Road or Rail.

CAS# - Chemical Abstracts Service Registry number

AS/NZS – Australian standard/New Zealand standard number

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LD50 – Lethal Dose 50%

UN Number – United Nations Dangerous Goods Number

IMDG – International Maritime Dangerous Goods Code

IATA – International Air Transport Association

SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons

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