

MATERIAL SAFETY DATA SHEET

Page 1 of Total 3

Date of Issue: April 2004.

COMPANY DETAILS

Company: AQUI-S New Zealand Limited Ltd
Address: Unit 5, 6 Aglionby Street
P O Box 44-269
Lower Hutt, New Zealand
Telephone Number: (64) (4) 587 0389
Emergency Number: (64) (4) 587 0388

IDENTIFICATION

Product Name: AQUI-S Aquatic Antifoam
Other Names: Silicone Emulsion
UN Number: None allocated
Dangerous Goods Class and Subsidiary Risk: None allocated
Hazchem Code: None allocated
Poisons Schedule Number: None allocated
Use: Aquatic Antifoam

Physical Description/Properties

Appearance: Viscous white liquid
Odour: Slight odor
Boiling Point: 100°C (1 atm)
Specific Gravity: 1.0 @ 25°C
Viscosity: 1,500 cP @ 25°C
Flash Point: >100°C (Closed Cup)
Flammability Limits: Not determined
Solubility in Water: Not determined

Other Properties

Chemical Stability: Stable
pH: 3.5

Ingredients

Chemical Name	CAS Number	Proportion
Water	7732 – 18 – 5	>60
Polydimethylsiloxane	63148 – 62 – 9	10 - <30

Ingredients determined not to be hazardous to 100%

HEALTH HAZARD INFORMATION

Health Effects

Acute

Ingestion: Low ingestion hazard in normal use.
 Eye: Direct contact may cause mild irritation.
 Skin: No significant irritation expected from a single short-term exposure.
 Inhalation: Irritates respiratory passages very slightly.

Chronic

Ingestion: Repeated ingestion or swallowing large amounts may injure internally.
 Skin: Repeated or prolonged exposure may cause irritation.
 Inhalation: No known applicable information.

Mutagenic Effects: None known.

Reproductive Effects: None known.

Carcinogenic Effects: None known.

First Aid

Ingestion: Get medical attention.
 Eye: Immediately flush with water for 15 minutes.
 Skin: No first aid should be needed.
 Inhalation: No first aid should be needed.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards: There are no components with workplace exposure limits.
 Engineering Controls: General ventilation is recommended.
 Person Protection: Safety glasses are recommended. No special respiratory or skin protection should be needed. Wash after handling, especially before eating, drinking or smoking.
 Flammability: Use reasonable care and store away from oxidizing materials.

SAFE HANDLING INFORMATION

Storage and Transport:	Keep away from heat. Store in a tightly closed container. Store in a cool, dry area, away from direct sunlight. No special transport requirements necessary.
Spills:	Small spills can be wiped up with cloth or paper. Standard absorbants (sand, sawdust, vermiculite, etc) can be used to contain large spills. Wash area with water after mop up.
Disposal:	Dispose of in accordance with local regulations.
Fire Fighting:	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers. Respiratory protection should be provided.

OTHER INFORMATION

Contact Point:	New Zealand, Technical Manager, (64) (4) 587 0389
Prepared by:	AQUI-S New Zealand Ltd

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this Company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.