

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**PRODUCT NAME:** ANTI-FOAM LIQUID  
**OTHER NAMES:** Not applicable.  
**RECOMMENDED USE:** Liquid to stop foam production in Dental Suction Systems.  
**SUPPLIER NAME:** Cattani Australia and New Zealand  
**ADDRESS:** 280 Dundas Street, THORNBURY, VICTORIA, 3071.  
**TELEPHONE NUMBER:** +613 9484 1120 B.H.  
**EMERGENCY TELEPHONE NUMBER:** Poisons Information Centre 13 11 26

## SECTION 2 – HAZARDS IDENTIFICATION

**Statement of Hazardous Nature of Product:** This product is not classified as Hazardous according to criteria of the National Occupational Health and Safety Commission (SafeWork Australia). It is not Dangerous Goods according to the Australian Dangerous Goods (ADG) Code.

**Risk Phrases:** Not applicable.  
**Safety Phrases:** Not applicable.  
**UN NUMBER:** Not applicable.  
**PROPER SHIPPING NAME:** Not applicable.  
**HAZCHEM CODE:** Not applicable.  
**DANGEROUS GOODS CLASS/SUBSIDIARY RISK:** Not applicable.  
**POISONS SCHEDULE NUMBER:** Not applicable.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	PROPORTION % WT
Polydimethylsiloxane	63148-62-9	10% - < 30%
Mixture of ingredients determined not to be hazardous	-	To 100%

## SECTION 4 – FIRST AID MEASURES

**INGESTION:** Rinse mouth out and give a glass of water. As the product contains polydimethylsiloxane if swallowed, do NOT induce vomiting. Seek immediate medical assistance if ingested, especially if vomiting has occurred after ingestion, taking this MSDS with you.

**EYE:** If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water. If irritation develops or persists, consult a Doctor.

**SKIN CONTACT:** If skin or hair contact has occurred remove any contaminated clothing, wash skin or hair thoroughly with running water. If irritation develops or persists, consult a Doctor.

**INHALATION:** If affected, remove the patient from contaminated area, if safe to do so. Lay patient down in a well-ventilated area and reassure them. If irritation develops or persists, consult a doctor. If not breathing, provide artificial respiration and seek immediate medical assistance. If unconscious, place in a recovery position and seek immediate medical assistance.

**FIRST AID FACILITIES:** Eye wash fountain and safety showers are recommended. As a minimum, a source of running, potable water must be available.

**ADVICE TO DOCTOR:** Treat symptomatically.

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## SECTION 5 – FIRE FIGHTING MEASURES

<b>FIRE:</b>	This product is not flammable under conditions of use. Once the aqueous component has evaporated, the polydimethylsiloxane residue will be combustible.
<b>EXPLOSION:</b>	No information to indicate that the product is an explosion hazard.
<b>FIRE EXTINGUISHING MEDIA:</b>	Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, foam, dry chemical or water fog. Spray down fumes resulting from fire. Avoid using full water jet directed at residual material that may be burning.
<b>COMBUSTION HAZARDS:</b>	Combustion may produce irritating or toxic substances such as oxides of carbon and silicon upon thermal decomposition. Avoid breathing vapours.
<b>PROTECTIVE EQUIPMENT:</b>	In the event of a fire, wear full protective clothing and self-contained breathing equipment with full-face piece operated in the pressure demand or other positive pressure mode.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PROTECTION:</b>	For normal spills in a surgery, wear gloves, safety glasses, closed shoes and full-length clothing. For large spills, such as during transportation, full protective clothing, including self-contained breathing apparatus is recommended.
<b>EMERGENCY PROCEDURES:</b>	Ventilate area and extinguish and/or remove all sources of ignition. Stop the leak if safe to do so. Caution: The spilled product will be slippery. Contain the spill and absorb with a proprietary absorbent material, sand or earth. Place used absorbent in suitable containers and follow local and state regulations for the disposal of waste. Do not allow large spills of the product, such as during transportation, to enter drains, surface water, sewers or watercourses - inform local authorities if this occurs.
<b>CLEANING PROCEDURES:</b>	Having contained the spill, collect all material quickly as mentioned above. Personnel should use the protective clothing mentioned above during cleaning procedures. Wash the contaminated area and cleaning objects with water after the spill has been cleared.

## SECTION 7 – HANDLING AND STORAGE

<b>PRECAUTIONS FOR SAFE HANDLING:</b>	Avoid contact with the product by using appropriate protective equipment such as gloves, safety glasses and full-length clothing. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.
<b>CONDITIONS FOR SAFE STORAGE:</b>	Store in a well ventilated area away from direct sunlight, oxidising agents, foodstuffs and clothing. Keep containers closed when not in use. Protect from freezing.
<b>INCOMPATIBILITIES:</b>	Oxidising agents including strong acids.

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### AIRBORNE EXPOSURE

**LIMITS:** Exposure standards for the product have not been established.

**VENTILATION SYSTEMS:** Special ventilation is not normally required. However, if mists or vapours are generated exhaust ventilation should be provided to maintain airborne concentration levels below where it is considered irritating by individuals.

**PERSONAL RESPIRATORS:** During routine operation a respirator is not required.

**GLOVE TYPE:** Wear gloves to provide hand protection. Natural rubber, PVC or Nitrile gloves are recommended.

**CLOTHING:** During normal operating procedures, long sleeved clothing is recommended to avoid skin contact. Soiled clothing should be washed with detergent prior to re-use.

**EYE PROTECTION:** Wear safety glasses to avoid eye contact when handling.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Milky white liquid.  
**ODOUR:** No data available.  
**VAPOUR DENSITY:** No data available.  
**VAPOUR PRESSURE (mmHg):** No data available.  
**DENSITY:** Typically 1.0 g/mL @ 20°C.  
**VISCOSITY:** Typically 200 - 1000 mPa.s @ 20°C.  
**FLASHPOINT (°C):** None to boiling.  
**FLAMMABILITY LIMITS (%):** Not applicable.  
**SOLUBILITY IN WATER(g/L):** Fully soluble in water.  
**BOILING POINT (°C):** Typically 100°C.  
**% VOLATILE-WT/WT** No data available.  
**EVAPORATION RATE:** No data available.  
**pH:** Approximately 7.5.

## SECTION 10 – STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID:** Observe the usual precautionary measures for handling chemicals. Do not heat the container or leave the container open when not in use.

**INCOMPATIBLES:** Oxidising agents including strong acids.

### HAZARDOUS DECOMPOSITION

**PRODUCTS:** Combustion may produce irritating or toxic substances such as oxides of carbon and silicon upon thermal decomposition. Avoid breathing vapours.

**HAZARDOUS REACTIONS:** Hazardous polymerisation does not occur.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

### HEALTH EFFECTS

#### *ACUTE*

**SWALLOWED:** If swallowed, it may cause slight irritation to the mouth, throat and digestive tract. Ingestion of large amounts may lead to nausea and vomiting. If vomiting has occurred after ingestion, due to the presence of Polydimethylsiloxane the person should be monitored to ensure that aspiration into the lungs has not occurred and there are no adverse effects. During normal usage ingestion should not be a means of exposure.

**EYE:** May be mildly irritating to the eyes. Symptoms may include localised burning, redness and tearing.

**SKIN:** May be mildly irritating to the skin. Correct handling procedures incorporating appropriate protective clothing and gloves should minimise the risk of skin irritation. People with pre-existing skin conditions, such as dermatitis, should take extreme care so as not to exacerbate the condition.

**INHALED:** No data to indicate a toxic inhalation hazard. Inhalation of vapours or mists may cause irritation to the nose and throat.

**CHRONIC** Prolonged, repeated, long term exposure to the product via skin contact may lead to or irritation of the skin. Observation of good work practices should minimise the potential for this to occur.

**TOXICITY DATA:** There is no data on the product as a whole.

Immunotoxicity: No data available.

Skin Sensitisation: This product is not expected to be a skin sensitizer, based on the available data and the known hazards of the components.

Respiratory Tract Sensitisation: This product is not expected to be a respiratory tract sensitizer, based on the available data and the known hazards of the components.

Mutagenic: This product is not expected to be a mutagen, based on the available data and the known hazards of the components.

Reproductive Toxicity: This product is not expected to be a reproductive hazard, based on the available data and the known hazards of the components.

Teratogenicity/Embryotoxicity: This product is not expected to be a teratogen or an embryotoxin, based on the available data and the known hazards of the components.

Carcinogenicity: This product is not expected to be carcinogenic, based on the available data and the known hazards of the components.

## SECTION 12 – ECOLOGICAL DATA

**ECOTOXICITY:** There is no data available for the product as a whole. Based upon calculated values, the overall product would not be expected to be rated.

**PERSISTENCE & DEGRADABILITY:** There is no persistence or degradability information available on the product.

**MOBILITY:** No mobility information is available.

**ENVIRONMENTAL FATE:** No environmental fate information is available.

**BIOACCUMULATIVE**

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## SECTION 13 – DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS/ CONTAINERS:

Spilled product, which cannot be recovered for use, should be shovelled into a suitable waste container, and treated as a solid waste. Dispose of containers, waste and unused contents in accordance with Federal, State and local requirements. Do not allow product to enter drains, sewers and watercourses.

## SECTION 14 – TRANSPORT INFORMATION

**UN NUMBER:** Not applicable. This product is not regulated according to the ADG Code.  
**PROPER SHIPPING NAME:** Not applicable.  
**DANGEROUS GOODS CLASS/SUBSIDIARY RISK:** Not applicable.  
**PACKAGING GROUP:** Not applicable.  
**SPECIAL PROVISION:** Not applicable.  
**HAZCHEM CODE:** Not applicable

## SECTION 15 – REGULATORY INFORMATION

This product is not classified as Hazardous according to criteria of the National Occupational Health and Safety Commission (Safe Work Australia). No additional regulatory information is available.

## SECTION 16 – OTHER INFORMATION

**Date of MSDS Preparation:** 1<sup>st</sup> December 2010

Revision: 2.0

### ACRONYMS

<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines and Poisons
<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>CAS Number</b>	Chemical Abstracts Service Registry Number
<b>UN Number</b>	United Nations Number
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>R-Phrase</b>	Risk Phrases
<b>S-Phrase</b>	Safety Phrases
<b>HAZCHEM No</b>	An emergency action code of numbers and letters which gives information to emergency services
<b>NOHSC</b>	National Occupational Health and Safety Commission (SafeWork Australia)
<b>OSHA</b>	Occupational Health and Safety Administration
<b>PEL</b>	Permissible Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>IARC</b>	International Agency for Research on Cancer

## CONTACT POINT

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All information contained in this Material Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts

no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.