

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: **ANTIFOAMING DISINFECTANT TABLETS**
OTHER NAMES: Not available
RECOMMENDED USE: Disinfecting anti-foaming tablets for dental aspirators.

SUPPLIER NAME: **CATTANI AUSTRALIA Pty Ltd**
ADDRESS: 280 Dundas Street, Thornbury,
Victoria, Australia, 3071

TELEPHONE NUMBER: +61 3 9484 1120

EMERGENCY TELEPHONE NUMBER: +61 3 9484 1120, Business Hours
0403 244 455, After Hours

SECTION 2 – HAZARDS IDENTIFICATION

Statement of Hazardous Nature of Product: This product is classified as Hazardous according to criteria of the National Occupational Health and Safety Commission. It is not a dangerous good according to Australian Dangerous Goods (ADG) Code. The product may be harmful if swallowed or when it comes into contact with the skin or eyes. Contact with eyes may cause serious damage like opacification of the cornea or damage to iris. May cause sensitisation by skin contact.

Risk Phrases: R22 – Harmful if swallowed.
R37/38 – Irritating to respiratory system and skin.
R41 – Risk of serious damage to eyes.
R43 – May cause sensitisation by skin contact.

Safety Phrases: S24/25 – Avoid contact with skin and eyes.
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 – After contact with skin, wash immediately with plenty of soap and water.
S37/39 – Wear suitable gloves and eye/face protection.

UN NUMBER: None Allocated
HAZCHEM CODE: None Allocated
DANGEROUS GOODS CLASS/SUBSIDIARY RISK: None Allocated
POISONS SCHEDULE NUMBER: Not Scheduled

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	PROPORTION
Ortho Phtalaldehyde	643-79-8	19.9%
Polyethylene Glycol 6000	25322-68-3	> 60%
Silicone ASP 15%	-	10 - < 30%

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SECTION 4 – FIRST AID MEASURES

- INGESTION:** Not normally a means of entry to the body. If ingestion has occurred DO NOT induce vomiting, drink plenty of water (the manufacturer recommends greater than 0.5 litre) and seek immediate medical assistance taking this MSDS or the container with you.
- EYE:** If in eyes, hold eyes open and flush with copious amounts of water for at least 15 minutes and seek urgent medical attention. Take the package or this MSDS with you. Do not use eye drops or ointments before medical examination by an ophthalmologist.
- SKIN CONTACT:** Tablets should not be handled with exposed skin. If skin contact has occurred remove contaminated clothing immediately and wash skin thoroughly with soap and water. If irritation develops or persists seek medical advice.
- INHALATION:** Not normally a means of entry to the body. If affected, take patient out of the contaminated room and let them rest in a well ventilated area. If symptoms appear, seek medical advice.
- FIRST AID FACILITIES:** Safety showers and eyewash stations are recommended.
- ADVICE TO DOCTOR:** Treat symptomatically. Due to the presence of organic material and silicone in the product, it may present an aspiration hazard. If vomiting has occurred after ingestion, the patient should be monitored for adverse effects.

SECTION 5 – FIRE FIGHTING MEASURES

- FIRE:** Not flammable under normal conditions of use. However, if heated to elevated temperatures or by contact with an ignition source the product may decompose or burn.
- EXPLOSION:** No information to indicate that the product is an explosion hazard. The product is sealed in a dissolvable membrane and is therefore not dust prone when the membrane remains intact. However, if like most organic materials an incident leads to the dispersal of fine dust in air in sufficient concentrations and in the presence of an ignition source it may become a potential dust explosion hazard.
- FIRE EXTINGUISHING MEDIA:** Water, carbon dioxide, foam and dry chemical.
- COMBUSTION HAZARDS:** Avoid breathing in smoke. Carbon dioxide and carbon monoxide may form when heated to decomposition. Oxides of silicon may also be generated.
- PROTECTIVE EQUIPMENT:** 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

- PERSONAL PROTECTION:** Wear gloves, mask and full-length protective clothing.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES Continued

EMERGENCY PROCEDURES:

Extinguish and/or remove all sources of ignition. Prevent further product from spilling. Spills are easily contained due to the nature of the product. Spilled product that cannot be saved should be shovelled and placed into suitable waste containers such as plastic drums and treated as solid waste. Follow local and state regulations for disposal of waste. Do not allow product to enter drains, sewers or watercourses - inform local authorities if this occurs.

CLEANING PROCEDURES:

Having contained the spill, collect all material quickly as mentioned above. Personnel must wear safety glasses/goggles, gloves, masks and full-length protective clothing during cleaning procedures. Avoid sparking tools for containment and clean up if dust is present. Wash contaminated area and objects with water after spill has been cleared.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Avoid contact with the product by using appropriate protective equipment. The product is sealed in a dissolvable membrane and is therefore not dust prone when the membrane remains intact. When the membrane is intact, safety glasses/goggles, gloves and long sleeved clothing are recommended as a precaution. However, certain filters require the product to be broken along the lengthways groove inserted during manufacturing. For these types of filters the membrane must be cut with scissors and the product removed so as to allow insertion of the two halves into the filter system. Removing the membrane increases the chances of contact with the material and potential formation of dust. In these circumstances the recommended protective equipment is safety glasses/goggles, gloves, masks and full-length clothing. Keep containers tightly closed when not in use.

CONDITIONS FOR SAFE STORAGE:

Ensure that the product is stored in a cool, dry and well-ventilated space. Protect the packaging from damage. When the packaged material is intact the product is deemed to be of limited hazard. Avoid storing in areas that contain moisture and have high humidity, as the product is soluble in water. Store in cool, dry, ventilated areas. Avoid direct sunlight.

INCOMPATIBILITIES:

Avoid strong oxidizing agents. The product is water-soluble.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS:

None established for contained substances.

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SECTION 8-EXPOSURE CONTROLS/PERSONAL PROTECTION Continued

VENTILATION SYSTEMS:	Special ventilation is not normally required as the product is sealed or used in small quantities that should not generate significant dust if handled carefully. However, it is recommended when large quantities are stored that local exhaust systems are used to keep employee exposure to a minimum.
PERSONAL RESPIRATORS:	The product is in tablet form, well packaged in dissolvable membrane. When left in the membrane under normal conditions of use there is no need for respirators. However, when the filter system requires the product to be removed from the membrane it is recommended that a particulate mask be worn as an extra precaution.
GLOVE TYPE:	Wear gloves to provide hand protection. Natural rubber or neoprene 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/goggles when handling the product. If mixing the product and there is the possibility of splashing a full-face shield is recommended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Long, solid, tubular tablets creamy white in colour.
pH(1% solution):	Approximately 7.
FLASHPOINT:	Not flammable.
SOLUBILITY:	Soluble in water, alcohols, glycols.
ODOUR:	Practically odourless.
VAPOUR PRESSURE:	Not applicable.
VAPOUR DENSITY:	Not applicable.
BOILING POINT:	Not applicable.
DENSITY:	Not available.

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under ordinary conditions of use and storage.
CONDITIONS TO AVOID:	Water, including humidity, as the product is water-soluble. As a general precaution avoid heating the product.
INCOMPATIBLES:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide and carbon monoxide may form when the product is heated to decomposition. During a fire, oxides of silicon may also be generated.
HAZARDOUS REACTIONS:	None reported. Hazardous polymerisation will not occur.

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SECTION 11 – TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

ACUTE	SWALLOWED:	Harmful if swallowed. However, this is not expected to be a means of entry during routine operations. Can cause irritation to the gastrointestinal tract. Symptoms may include a burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.
	EYE:	Risk of serious eye damage. Symptoms may include irritation, pain and redness as well as opacification of the cornea and possible damage to the iris. Avoid contact with the eyes.
	SKIN:	May cause sensitisation by skin contact. Symptoms may include redness, itching and pain. Avoid contact with skin.
	INHALED:	During normal use of the product and utilising appropriate protective equipment, inhalation should not be a means of entry. If dusts are inhaled it is expected to be irritating to the respiratory tract.
CHRONIC		Prolonged or repeated skin contact may lead to sensitisation and skin irritation.
EXPOSURE LIMITS:		No LD50/LC50 information found.

SECTION 12 – ECOLOGICAL DATA

ECOTOXICITY:	No ecotoxicity information is available.
PERSISTENCE & DEGRADABILITY:	The product is soluble. No persistence or degradability information is available.
MOBILITY:	No mobility information is available
ENVIRONMENTAL FATE:	No environmental fate information available.
BIOACCUMULATIVE POTENTIAL:	No bioaccumulative potential information is available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHODS/CONTAINERS:	Spilled product, which cannot be recovered for use, should be shovelled into a suitable waste container, such as a plastic drum, and treated as a solid waste. Follow state or local regulations for disposal of the waste. Dispose of containers and unused contents in accordance with Federal, State and local requirements. Do not allow product to enter drains, sewers and watercourses.
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SECTION 14 – TRANSPORT INFORMATION

UN NUMBER:	Not applicable (The product is not regulated).
PROPER SHIPPING NAME:	Antifoaming Disinfectant Tablets
ADG CODE:	Not applicable
PACKAGING GROUP:	Not applicable
SPECIAL PROVISION:	Not applicable
HAZCHEM CODE:	Not applicable

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SECTION 15 – REGULATORY INFORMATION

HAZARDOUS: This product is classified as Hazardous according to criteria of the National Occupational Health and Safety Commission. It is not a dangerous good according to Australian Dangerous Goods (ADG) Code. The product may be harmful if swallowed or when it comes into contact with the skin or eyes. Contact with eyes may cause serious damage like opacification of the cornea or damage to iris. May cause sensitisation by skin contact.

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No additional regulatory information is available.

SECTION 16 – OTHER INFORMATION

Date of MSDS Preparation: 25th August 2005

Revision: 0

ACRONYMS

SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
CAS Number	Chemical Abstracts Service Registry Number
UN Number	United Nations Number
ACGIH	American Conference of Governmental Industrial Hygienists
R-Phrase	Risk Phrases
S-Phrase	Safety Phrases
HAZCHEM No	An emergency action code of numbers and letters which gives information to emergency services
NOHSC	National Occupational Health and Safety Commission
AICS	Australian Inventory of Chemical Substances

CONTACT POINT

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TITLE:	Director
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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.