



CATTANI AUSTRALIA

Page 1 of 3
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TECHNICAL DATA SHEET

S.R.D. Antifoam tablets.

COMPANY DETAILS

COMPANY: CATTANI AUSTRALIA
ADDRESS: 280 DUNDAS ST, THORNBURY, VIC 3071
TELEPHONE NUMBER: (03) 9484 1120
EMERGENCY TELEPHONE NO: (03) 9484 1120

IDENTIFICATION

PRODUCT NAME: S.R.D. Antifoam Tablets
OTHER NAMES: Slow Release Disinfectant Antifoam Tablets
MANUFACTURER'S PRODUCT CODE CA551

UN NUMBER: N/A
HAZCHEM CODE: N/A
DANGEROUS GOODS
CLASS/SUBSIDIARY RISK: N/A
POISONS SCHEDULE NUMBER: S5

USE

MAJOR RECOMMENDED USES: Slow release disinfectant antifoam tablets for surgical (dental) suction systems.

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: Long, solid, tubular tablets, white to pale yellow
SOLUBILITY IN WATER: 80%
ODOUR: Practically odourless
MELTING POINT: 55-58°C

INGREDIENTS

CHEMICAL ENTITY:	CAS No.	PROPORTION
Brominated Nitroparaffin	-	30-40%
Antifoam Agent	-	20-25%
Glycol Agent	-	60-70%

CATTANI AUSTRALIA

ACN 004 715 351

280 Dundas Street, Thornbury, Vic. 3071, Australia

Telephone: (03) 9484 5480, (03) 9484 1120, Facsimile: (03) 9484 4052, International +61 39484 4052



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PRODUCT INFORMATION

The Cattani Slow Release Disinfectant Antifoam Tablets have been specially formulated to serve a dual purpose in dental aspirator systems.

1. As an Antifoam Agent

When in use, surgical aspirators create lots of turbulence causing blood, mucus and any disinfectants present to foam excessively. The foam creates air pockets resulting in continual interruptions of the aspiration.

The Cattani SRD tablets contain two portentous and very unique antifoaming agents which reduce the foaming of the system dramatically. This is achieved by the aspirated material passing through the filter and collecting antifoaming particles which reduce the foam and hence allow the aspirator to function continuously.

2. As a Disinfecting Agent

Although not fully elucidated, research has indicated that the bacterial activity in aspiration systems resulting from mucus, blood, saliva, etc. can be quite high and in time cause blockages in the system. The Cattani Slow Release Disinfectant antifoam tablets contain a brominated nitroparaffin ingredient which is activated by moisture. In this state, it has broad spectrum antibacterial properties that work to inhibit bacterial growth.

The brominated nitroparaffin acts by attacking the cell membrane of bacteria and causing cell leakage and destruction. This chemical has two major advantages.

- *Its preference for aqueous and polar phases:* Since microorganisms grow primarily in the aqueous phase, the nitroparaffin can exert maximum effect at the site of contamination. Some disinfectant chemicals can have their effectiveness reduced as a result of having hydrophobic properties hence being unable to attack bacteria in aqueous solutions.
- *Its slow releasing properties:* The tablets composition is such that it allows the active ingredient to be released slowly throughout the day ensuring the continual presence of the disinfectant in the aspiration system. This in turn acts to prevent bacterial growth, system blockages and unpleasant odours.



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DIRECTIONS FOR USE

After the usual washing and disinfection of your aspiration system with PULI-JET (morning or night), introduce one or two SRD Antifoam tablets into the tip support filter or into the canister wearing gloves.

The duration of the tablet (water soluble) is related to the amount of aspirated fluid. On the average, one or two tablets last two working days.

If the aspirator does not work, the tablet does not waste.

CAUTION: Do not remove tablets from packaging unless ready for use. Store in a cool and dry place.

CONTACT POINT

TITLE:	DIRECTOR
NAME:	MR. BILL CLARK
TELEPHONE NUMBER:	03 9484 1120
	0412 353 343