

NAViPLUS⁺

NaviFOGTM

TECHNICAL DATA SHEET

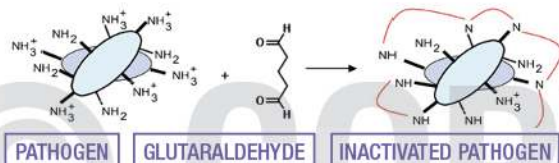
FOGGING SOLUTION FOR THE CONTROL OF GRAM NEGATIVE, GRAM POSITIVE BACTERIA, VIRUSES AND FUNGI.



BENEFITS

The biocidal activity of glutaraldehyde, results from its alkylation of sulfhydryl, hydroxyl, carboxyl, and amino groups of microorganisms, which alters RNA, DNA, and protein synthesis. Glutaraldehyde [2500ppm] together with ethyl alcohol [50% (v/v)] inactivate norovirus by $>4\log_{10}$ within 5 minutes as is shown in research. Similarly enveloped viruses may be deactivated allowing sufficient contact time at 2500ppm active Glutaraldehyde.

NaviFOGTM has been lab tested for bacteria and fungi. Lab data pending for viruses. All data described herein is based on research and known efficacy for glutaraldehyde.



MICROBICIDAL ACTIVITY

NaviFOGTM is an alkylating agent. Aqueous solutions of glutaraldehyde are acidic. Only when the solution is "activated" at pH 7.5-8.5 the solution becomes sporicidal. More reactive sites (hydroxyl, carbonyl and amino groups) are formed at the pathogen cell surface at higher pH which leads to a faster bactericidal effect.



AREAS OF USAGE

This product is most suitable for disinfection where fogging is required on any smaller surface area.

- Vehicles
- Agricultural applications eg: crates, delivery vehicles and bathrooms
- Office spaces
- Hotel and Conference venues
- Doctors rooms (where approved)

CAUTION

Not suitable for no rinse applications in food industry



APPLICATIONS AND DIRECTIONS

- Place fogging unit onto the desired space and release the pressure valve. Close all surrounding doors, ventilation and windows before release.
- Ensure ALL persons, animals and other are evacuated from the space before use. Ensure no open flame, or high temperature and no ignition sparks nearby.
- Allow the recommended surface contact time of 10 - 30 minutes before opening the doors.



COMPOSITION AND INGREDIENTS

GLUTARALDEHYDE (PENTANEDIAL)	CAS #: 111-30-8
ETHYL ALCOHOL 96%	CAS #: 64-17-5
AEROSOL PROPELLANT	CAS #: 115-10-6
PH	7.7
SHELF LIFE	2 years from date of manufacture



COMPANION PRODUCTS FROM OUR RANGE

- NaviPATM
- NaviSANTM
- NaviGENTM



HEALTH AND SAFETY

PRODUCT IN EYES

Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart.

INHALATION

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

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HEALTH AND SAFETY (continue)

PRODUCT INGESTED Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place.

SKIN NOTE Rinse with water. Get medical attention if symptoms are severe or persists.



WARNING

All disinfectant efficacy is minimized if used on soiled surfaces or dirty hands. **PROPER SANITISATION OCCURS AFTER FIRST WASHING SURFACES OR HANDS BEFORE SANITISING**

This product has not been evaluated by the SAHPRA for its quality, safety or intended use.

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