

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

AIDAL PLUS

Recommended Use: Instrument disinfectant.

Product Code: 010082 (2x5L).

Whiteley Medical

A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678)

Postal Address: P. O. Box 1076 North Sydney NSW 2059

Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077

Web: www.whiteley.com.au

Emergency Telephone Number: Poisons Information Centre (National) 131126

Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

- R20/22: Harmful by inhalation and if swallowed.
 R37/38: Irritating to respiratory system and skin.
 R41: Risk of serious damage to eyes.
 R42/43: May cause sensitisation by inhalation and skin contact.
 S26: In case of accident with eyes, rinse immediately with plenty of water and seek medical advice.
 S36/37/39: Wear suitable protective clothing, gloves and eyes/face protection.
 S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).
 S61: Avoid release to the environment. Refer to special instructions.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%
Glutaraldehyde	111-30-8	<10%

Section 4: FIRST AID

- Eye (Contact)** Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
- Skin (Contact)** Remove contaminated clothing and flush skin and hair with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor.
- Inhalation (Breathing)** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Contact the Poisons Information Centre (Phone 131126) or a doctor for treatment advice. If breathing is difficult, oxygen should be administered by qualified personnel.

Ingestion (Swallowing)	DO NOT induce vomiting as aspiration may cause lung damage. If the person is fully alert and cooperative, have the person rinse mouth with plenty of water. Contact a Poisons Information Centre (Phone 131126) or a doctor.
First Aid Facilities	Ensure an eye bath is available and ready for use.
Additional Information	May cause sensitisation by inhalation and skin contact.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Solution does not burn. Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO ₂ or water spray.
Hazards From Combustion Products	Carbon dioxide and carbon monoxide may be produced in the case of fire or during thermal decomposition.
Precautions For Fire Fighters and Special Protective Equipment	Firefighters must wear full protective clothing including self contained breathing apparatus and chemical splash suit. Ensure that no spillage enters drains or water courses. Remove from the vicinity containers not involved in the fire.
Additional Information	Hazchem Code – Nil

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide Not applicable.
Spills / Clean up	Clean up personnel should wear full protective clothing. Restrict access until completion of cleanup. Then ensure adequate ventilation. Stop leak if safe to do so. Contain spill with absorbent material, such as towelling, sand, vermiculite or other inert material. Prevent spill entering stormwater drains or waterways. Collect and dispose of clean up material according to local regulations. Wash away remnants with copious amounts of cold water to sewer. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre. GN Liquid or sodium bisulphate can be used to neutralise glutaraldehyde spills.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in severe personal injury or damage to equipment. Store product in original container. Wash thoroughly after handling product.
Conditions for Safe Storage	Store in a cool (below 25°C), dry, well-ventilated area. Keep container tightly sealed. Store out of direct sunlight.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].			
<u>Inгредиент</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>

Glutaraldehyde

111-30-8

0.1ppm 0.41mg/m³

**Biological Limit Values
Engineering Controls**

Not available.

Ensure adequate ventilation to keep airborne concentrations below exposure standards.

Personal Protective Equipment

Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact especially during manual procedures.

Skin protection – Use nitrile or suitable gloves to prevent skin contact. Double gloving should be practised where surgical gloves are necessary. The external glove should be discarded after immersion in the solution. An apron should be worn during disposal. Enclosed shoes should also be worn to prevent skin contact.

Respiratory protection – Where exposure is above exposure standards an approved respirator should be worn.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Thin yellow clear liquid

Boiling Point greater than 100°C

Odour Glutaraldehyde

Freezing Point approximately 0°C

pH 6.30-6.50

Solubility Soluble in water.

Specific Gravity 1.009-1.015

Flash Point Not Applicable.

Vapour Pressure Not Available.

Upper and Lower Flammability limits (in air) Not Applicable.

Vapour Density Not Available.

Ignition Temperature Not Applicable.

Section 10: STABILITY AND REACTIVITY

Chemical Stability

Stable for period of shelf-life when stored as directed.

Conditions to avoid

Avoid high temperatures (store below 25°C). Protect against physical damage.

Incompatible materials

None known. Do not mix with other chemicals.

Hazardous decomposition products

None known.

Hazardous reactions

None known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS**Acute****Swallowed**

Considered an unlikely route of entry in commercial / industrial environments. May cause tissue damage in the mouth, throat and stomach.

Eye**Skin**

Pain and reddening will occur. Severe damage may result if not treated immediately.

Causes irritation and redness on contact with skin. Causes yellow or brownish discolouration of the skin. May cause sensitisation.

Inhaled

Inhalation of may cause irritation and headaches. Asthma like symptoms may occur in people prone to respiratory disorders or other allergies. May cause sensitisation.

Chronic

Swallowed	No effects known.
Eye	No effects known.
Skin	May cause sensitisation.
Inhalation	May cause sensitisation.

TOXICITY DATA

Glutaraldehyde

LD₅₀ 134mg/kg (oral, rat)

RTECS MA2450000

Section 12: ECOLOGICAL INFORMATION**Ecotoxicity** Not available.**Persistence and degradability** Not available.**Mobility** Not available.**Section 13: DISPOSAL CONSIDERATIONS**

Disposal method Aidal Plus is rapidly biodegradable and disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.

Special precautions Normally suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	Nil
UN Proper Shipping Name	Nil
Class and subsidiary risk	Nil
Packing Group	Nil
Special precautions for user	Nil
Hazchem Code	Nil

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): schedule 5 – CAUTION.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

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