SAFETY DATA SHEET

Section 1: IDENTIFICATION

Proxy P

Recommended Use: Endoscope Disinfection using an Automated Endoscope Reprocessor
Product Code: 160612 (2x5L)

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

Distributed in New Zealand by:
Whiteley Corporation NZ Limited
Address: PO Box 22-519 Otahuhu, Auckland, New Zealand 1640
Telephone Number: 092737313, 0800 257 352
Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON (0800 764 766)

Section 2: HAZARDS

GHS Classification

Oxidising Liquid (Category 2)
Metal Corrosion (Category 1)
Acute Toxicity - Oral (Category 4)
Acute Toxicity - Dermal (Category 4)
Acute Toxicity – Inhalation (Category 4)
Skin Corrosion (Category 1A)
Specific Target Organ Toxicity – Single Exposure (Category 3)

Signal Word **DANGER**

Hazard Statements

H272	May intensify fire; oxidizer
H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H332	Harmful if inhaled
H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

Precautionary Statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220	Keep away from clothing/combustible materials.
P221	Take any precaution to avoid mixing with combustibles.

P234	Keep only in original container.
P260	Avoid breathing mist/vapour/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements

P301 + P312 + P330 + P331	IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or doctor/physician.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363	Wash contaminated clothing before reuse.
P370 + P378	In case of fire: Use water or water spray for extinction.
P390	Absorb spillage to prevent material damage.

Storage Statements

P403 + P233 + P235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Store locked up.
P406	Store in original container only.
P410	Protect from sunlight.
P420	Store away from other materials.

Disposal Statements

P501	Dispose of container as per local regulations

Section 3: COMPOSITION INFORMATION

Ingredient	**CAS No**	**Proportion**
Hydrogen Peroxide	7722-84-1	10 – 30%
Acetic Acid	64-19-7	<10%
Peracetic Acid	79-21-0	<10%
Sulfuric Acid	7664-93-9	~1%
Ingredients deemed not to be hazardous	Not applicable	To 100%

Section 4: FIRST AID

Eye (Contact) Call a physician or Poison Information Centre immediately. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In the case of difficulty of opening the lids, administer an analgesic eye wash (oxybuprocaine). Take victim immediately to hospital.

Skin (Contact) Remove contaminated clothing and shoes immediately. Wash skin and hair with

	running water for at least 15 minutes. Call a physician or Poison Information Centre. Wash contaminated clothing before reuse.
Inhalation (Breathing)	Move to fresh air. Victim should lie down in the recovery position and keep warm. Oxygen may be administered by qualified personnel. Call a physician or Poison Information Centre.
Ingestion (Swallowing)	DO NOT induce vomiting. Rinse mouth with water if victim is conscious. Call a physician or Poisons Information Centre immediately. Take victim immediately to hospital.
Advice to Physician	Immediate medical attention is required. Consult with an ophthalmologist immediately in all cases of potential eye contact. If product has been ingested avoid gastric lavage due to risk of perforation. Keep under medical supervision for at least 48 hours.
First Aid Facilities	Ensure an eye wash and safety shower is available and ready for use.
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment such as water or water spray. Dry chemical powder, foam or fog can also be used if appropriate.
Hazards from Combustion Products	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
Precautions for Fire Fighters and Special Protective Equipment	Keep containers cool by spraying with water. Oxygen released by thermal decomposition may support combustion. Self-contained breathing apparatus and chemical resistant over suit should be worn. Prevent fire extinguishing water from contaminating surface water or the ground water system.
Additional Information	**Hazchem Code** – 2P.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Large volumes.
Spills / Clean up	Slippery when spilled. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Carefully dispose of the inert material as Proxy P is an oxidizing agent and may cause fire when in contact with incompatible materials. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Use only as directed on label. Any non-intended or non-authorised use of this product may result in personal injury or damage to equipment. Store product in original container. Do not add any materials to the container.

Use only in a well-ventilated area.
Keep away from incompatible materials.
Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

Conditions for Safe Storage Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

Ingredient	CAS No	ES-TWA	ES-STEL
Hydrogen Peroxide	7722-84-1	1.4 mg/m^3	-
Acetic Acid	64-19-7	25 mg/m^3	37 mg/m^3
Sulfuric Acid		1 mg/m^3	3 mg/m^3

Biological Limit Values No data available.

Engineering Controls Use only in a well-ventilated area.

Personal Protective Equipment

Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact.
Skin protection – Use nitrile or suitable gloves to prevent skin contact. Double gloving should be practiced where surgical gloves are necessary. An apron should be worn during disposal. Enclosed shoes should also be worn to prevent skin contact.
Respiratory protection – Not required for normal use. A respirator may be required if there is not adequate ventilation. For spill control wear an AS1716 approved full face respirator with combined Type P1 particulate and organic vapour cartridges.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless liquid	**Odour**	Pungent
Odour Threshold	No data available	**pH**	<2
Freezing Point	Approx. -42^{o}C	**Initial Boiling Point**	Approx. 105^{o}C
Boiling Range	No data available	**Flash point**	74 - 83°C
Evaporation Rate	No data available	**Flammability**	No data available
Upper flammability limit	No data available	**Lower flammability limit**	No data available
Vapour Pressure	32hPa (25°C)	**Vapour Density**	No data available
Relative Density	1.100	**Solubility**	Completely miscible with water
Partition Coefficient: n-octanol/water	No data available	**Autoignition temperature**	No data available
Decomposition temperature	60^{o}C (Self-Accelerating Decomposition Temperature)	**Viscosity**	No data available

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Decomposes on heating. Heating may cause a fire. Potential for exothermic hazard.
Conditions to avoid	Avoid high temperatures (store below 25˚C). Avoid contamination. Contact with incompatible materials may cause fire. Contact with flammables may cause fire or explosions. Fire or intense heat may cause violent rupture of packages.
Incompatible materials	Incompatible with acids, bases (alkalis), metals, heavy metal salts, powdered metal salts, reducing agents, organic materials and flammable materials.
Hazardous decomposition products	Oxygen.
Hazardous reactions	May react exothermically with incompatible materials.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 652 mg/kg (Oral, Rat) LC50 4000 mg/m^3 (inhalation, 4h, Rat) LD50 1957 mg/kg (dermal, Rabbit)
Skin corrosion/ irritation	Product causes irritation, pain and reddening on skin contact. Skin contact will likely result in a temporary white stain where skin contact occurred. Serious burns may result if the affected area if product is not removed immediately by thorough washing with water.
Serious eye damage/ irritation	Product causes irritation, pain and reddening on eye contact. Serious, permanent eye damage may result if not treated immediately.
Respiratory or skin sensitisation	No data available.
Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	May cause respiratory irritation.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available on whole mixture.
Bioaccumulative potential	All components rapidly degradable in the environment, not potentially bioaccumulative.
Mobility in soil	Non-significant adsorption.
Results of PBT and vPVvB assessment	This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).

	This mixture contains no substance considered to be very persistent and verybioaccumulating (vPvB).
Other adverse effects	
• **Short term (acute) aquatic toxicity**	Toxic to aquatic life.
• **Long term (chronic) aquatic toxicity**	Very toxic to aquatic life with long lasting effects

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Dispose of waste in accordance with local and national regulations. Refer to State/Territory Land Waste Management Authorities if applicable. Once empty, containers are recyclable and can be disposed of by a licensed waste contractor if thoroughly rinsed with water, while wearing PPE. Rinsed containers can also be disposed of to general waste. Bottles containing a small amount of Proxy P can be diluted with water and poured down the sink with copious amounts of cold running water.
Special precautions	None known.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	UN3149
UN Proper Shipping Name	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURES, STABILISED
Class and subsidiary risk	5.1 (8)
Packing Group	II
Special precautions for user	Not applicable.
Hazchem Code	2P

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSMP): Schedule 6 - Poison

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

HSNO Approval Code: HSR002591 – Cleaning products oxidizing liquids and solids corrosive group standard

This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

Section 16: OTHER INFORMATION

Under no circumstances, mix Proxy P with any other materials, except water when rinsing containers for disposal. PPE must be worn when rinsing bottles.

Do not combine any part full bottles of Proxy P.

Do not add or return any product, including Proxy P, back to Proxy P bottles.

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