

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

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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

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| 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

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| 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

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| 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

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| 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

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| P501 | Dispose of container as per local regulations |
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| Section 3: COMPOSITION INFORMATION |
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| Ingredient | CAS No | Proportion |
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| 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% |

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| Section 4: FIRST AID |
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| 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 |

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| Advice to Physician | hospital. 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

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| 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

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| 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

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| Precautions for Safe Handling | Use only as directed on label. Any non-intended or non-authorized 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. |
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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].

| <u>Ingredient</u> | <u>CAS No</u> | <u>ES-TWA</u> | <u>ES-STEL</u> |
|-------------------|---------------|-----------------------|----------------------|
| 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

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| Appearance | Clear colourless liquid | Odour | Pungent |
| Odour Threshold | No data available | pH | <2 |
| Freezing Point | Approx. -42°C | Initial Boiling Point | Approx. 105°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°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

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| Conditions to avoid | exothermic hazard. 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

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| 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

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| Ecotoxicity | No data available. |
| Persistence and degradability | No data available. |
| Bioaccumulative potential | No data available. |
| Mobility in soil | No data available. |
| Other adverse effects | No data available. |

Section 13: DISPOSAL CONSIDERATIONS

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| 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).

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| 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).

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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