

SAFETY DATA SHEET

Section 1: IDENTIFICATION

OPAL

Recommended Use: Instrument disinfectant.
Product Code: 150103 (2X5L), 150106 (6x1L).

Whiteley Medical

www.whiteley.com.au

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Telephone Number: 092737313, 0800 257 352
Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON or 0800 764 766

Section 2: HAZARDS

GHS Classification

Eye Irritation (Category 2)
Skin Sensitisation (Category 1)

Signal Word **WARNING**

Hazard Statements

H319	Causes serious eye irritation
H317	May cause an allergic skin reaction.

Precautionary Statements

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye protection.
P261	Avoid breathing mists/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.

Response Statements

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P363	Wash contaminated clothing before reuse.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

Storage Statements

None

Disposal Statements

P501	Dispose of contents in accordance with local regulations.
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HSNO Classifications

6.4A	Substances that are irritating to the eye.
6.5B	Substances that are contact sensitisers.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
O-phthalaldehyde	643-79-8	<1%
Ingredients deemed not to be hazardous	Not applicable	To 100%

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. Seek medical attention if irritation develops or persists.
Inhalation(Breathing)	Remove to fresh air.
Ingestion (Swallowing)	DO NOT induce vomiting. For advice, contact a Poisons Information Centre or a doctor.
Advice to Doctor	
First Aid Facilities	Ensure an eye bath and safety shower is available and ready for use.
Additional Information	May cause sensitisation by skin contact.

Section 5: FIREFIGHTING MEASURE
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Suitable Extinguishing Media	Not combustible but may burn on evaporation of water. Use extinguishing media suited to the materials that are burning. e.g. 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. 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	Small spills can be wiped up with a sponge or mop. Flush with large quantities of water down drain. Large spills, PREVENT SOLUTION FROM ENTERING DRAINS AND WATERWAYS. Evacuate personnel from immediate area of spill. Neutralise by sprinkling 33 grams of Glycine (free base) powder per 5 litres of OPAL spilled. Alternatively GN liquid can be used as per the label directions. Mix with mop or other tool and allow 5 minutes for deactivation of the o-phthalaldehyde. Scoop up and place into a clean, sealable, plastic container. Flush area and tools with copious amounts of water.

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 personal injury or damage to equipment. Store product in original container. Wash thoroughly after handling product. Wear appropriate P.P.E.
Conditions for Safe Storage	Store in a cool, dry, well ventilated area. Keep container tightly sealed. Store below 30°C 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>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
None Available			

Biological Limit Values No data available.

Engineering Controls Use in a well ventilated area. Avoid production of aerosols. When general ventilation is inadequate use local exhaust hood or ductless fume hoods that contain a filter that can absorb o-phthalaldehyde.

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. Do not use polyvinyl gloves. Double gloving should be practiced where surgical gloves are necessary. The external glove should be discarded after immersion in the solution. An apron should be worn during disposal or manual procedures. 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 green liquid	Odour	Characteristic
Odour Threshold	No data available	pH	7.50 – 8.00
Freezing Point	Approx. 0 ^o C	Initial Boiling Point	Approx. 100 ^o C
Boiling Range	No data available	Flash point	No data available
Evaporation Rate	No data available	Flammability	No data available
Upper flammability limit	No data available	Lower flammability limit	No data available
Vapour Pressure	No data available	Vapour Density	No data available
Relative Density	1.011 – 1.017	Solubility	Completely miscible with water
Partition Coefficient: n-octanol/water	No data available	Autoignition temperature	No data available
Decomposition temperature	No data available	Viscosity	Approx. 10 cPs

Section 10: STABILITY AND REACTIVITY	
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Chemical Stability	Product is stable and will not undergo any hazardous reactions under normal conditions of use and storage.
Conditions to avoid	Avoid extremes of temperature (store below 30°C). Do NOT store in direct sunlight.
Incompatible materials	Do not mix with other chemicals.
Hazardous decomposition products	None known.
Hazardous reactions	None known.

Section 11: TOXICOLOGICAL INFORMATION	
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Acute toxicity	O-phthaldehyde – LD ₅₀ (oral, rat) = 178mg/kg.
Skin corrosion/irritation	May cause irritation on skin contact. Can cause a brownish discolouration of the skin.
Serious eye damage/irritation	Product causes irritation, pain and reddening on eye contact.
Respiratory or skin sensitisation	O-phthaldehyde may cause sensitisation by skin contact.

Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	Inhalation of mists or sprays may cause irritation of nose, throat and respiratory system. May cause headaches. Inhalation can aggravate pre-existing bronchitis and asthma conditions.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: ECOLOGICAL INFORMATION

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	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	Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION
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Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).	
UN Number	Not applicable.
UN Proper Shipping Name	Not applicable.
Class and subsidiary risk	Not applicable.
Packing Group	Not applicable.
Special precautions for user	Not applicable.
Hazchem Code	Not applicable.

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Schedule 5 - CAUTION

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

HSNO Approval Code: HSR002530

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

Section 16: OTHER INFORMATION

Date of preparation: 15th September 2016

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