

MSDS|PVP-Iodine Solution 10%

Apex Laboratories Pty. Ltd. | ACN 000 397 240 | www.apexlabs.com.au | Phone: 02 4372 1661 | Fax: 02 4372 1668 (International +61) | Email: info@apexlabs.com.au

Material Safety Data Sheet

PVP-Iodine Solution 10%

Not classified as hazardous according to the criteria of NOHSC

SECTION I Identification of the Material and Supplier

Product Name	PVP-Iodine Solution 10%
Recommended Use	Pre-operative antiseptic scrub for skin and hands, wound cleaning, treatment of burns.
Supplier Details	Apex Laboratories Pty. Ltd.
ACN Number	000 397 240
Street	61 Chivers Road
Suburb	Somersby
State	NSW
Country	Australia
Post Code	2250
Phone	+61 2 4372 1661 (Business hours – 8.30am – 5.00pm)
Fax	+61 2 4372 1668 (fax)
Website	http://www.apexlabs.com.au
Emergency contact	As above or Poisons Information Centre 131126 (Australia)

SECTION II Hazard Identification

Classification	Not classified as hazardous according to the criteria of NOHSC
Risk Phrases	None allocated
Safety Phrases	None allocated
ADG Class	None allocated
Hazchem Code	None allocated
Poisons Schedule	Not Scheduled

SECTION III Composition

Ingredients	CAS No	Proportion	TWA mg/m3	STEL mg/m3
Povidone Iodine	NA	10-<30%	not set	not set
Citric Acid Anhydrous	77-92-9	<10%	not set	not set
Other non hazardous ingredients	NA	to 100%	NA	NA

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week over an entire working lifetime. The TWA exposure standard set by Worksafe Australia for dusts not otherwise specified is 10mg/m3. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL.

SECTION IV First Aid Measures

Ingestion	If swallowed rinse mouth out with water, give water to drink, DO NOT induce vomiting and seek medical advice.
Eye	Irrigate with copious quantities of lukewarm water for at least 15 minutes and seek medical advice.
Skin	Wash well with soap and water and if concerned seek medical advice.
Inhalation	If concerned remove to fresh air and seek medical advice.

SECTION V Fire Fighting Measures

Extinguishing Media	Water fog or fine water spray, foam, dry agent. As appropriate for surrounding environment.
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Combustion Hazards	Toxic or irritating fumes may be released including oxides of carbon, nitrogen and sulfur and hydrogen cyanide.
Precautions for Firefighters	Wear self contained breathing apparatus and protective clothing.
Hazchem Code	None allocated

SECTION VI Accidental Release Measures

Emergency Procedures	In the event of a major spill, protect drains and water courses from contamination. Ensure good ventilation to avoid inhalation and wear protective clothing to prevent contact with skin and eyes. Take care to avoid slipping.
Materials and Methods	Wear protective clothing (overalls, gloves, goggles and boots). Use adsorbent such as sand to mop up spill and collect then dispose after consulting appropriate authorities. Wash area down with detergent and excess water. Take care not to slip.

SECTION VII Handling and Storage

Precautions	Always use good occupational work practices and observe recommendations on the label. Keep exposure to this product to a minimum. Prohibit eating, drinking and smoking in storage and handling areas. Wash hands after handling and remove contaminated clothing and any protective equipment before entering eating areas.
Conditions	Store product in original containers as per label instruction (below 30oC or room temperature).

SECTION VIII Exposure Controls and Personal Protection

National Exposure Standards	No exposure standard has been allocated for this mixture or any significant ingredient within this mixture.
Biological Limit Values	No biological limit has been allocated for this mixture.
Engineering Controls	No specific engineering controls are required for this mixture.

Personal Protective Equipment

Eye	Eye protection is not normally necessary. If concerned wear protective goggles or glasses. Wash hands after handling and prior to touching eye and in particular handling contact lenses.
Skin	Skin protection is not normally necessary, however it is good practice to avoid contact with chemicals by wearing suitable gloves when handling.
Respiratory	Protection from inhalation is not normally necessary. If ventilation is inadequate or dust is likely to build up then use of a suitable dust mask would be appropriate.

SECTION IX Physical and Chemical Properties

Appearance	Brown liquid.
Odour	No significant odour.
pH	5.5
Vapour pressure	No data available.
Boiling point/range	No data available.
Freezing/Melting point	No data available.
Solubility	Miscible.
Specific gravity/density	1.03.
Flash Points	No data available.
Flammable limits (in air)	No data available.

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Ignition temperature No data available.

SECTION IX Physical and Chemical Properties

Chemical stability	This mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to avoid	No specific conditions to avoid other than extreme heat.
Incompatible materials	No data available.
Decomposition products	May emit toxic fumes under fire conditions.
Hazardous reactions	No data available.

SECTION XI Toxicological Information

Handling of the formulated product is not expected to cause any adverse effects. The following data pertains particularly to the active and any hazardous ingredients in the formulation, rather than this specific formulation.

Acute Health Effects

Ingestion

Eye The data available suggests that irritation of the eye is likely and may be severe and cause permanent injury and corneal burns.

Skin The data available suggests that this product might be irritating to the skin.

Inhalation If this material is used in an enclosed, poorly ventilated space, and at elevated temperatures, then inhalation may produce irritation.

Chronic Health Effects

Ingestion Prolonged or repeated exposure may lead to mental depression, nervousness, insomnia, impotence and hyperthyroidism.

Eye There is no data available on the long term effects of eye contamination with this product.

Skin The data available suggests that prolonged contact may lead to defatting of the skin and therefore dermatitis.

Inhalation There is no data available on the long term effects of inhalation of this product.

Advice to Doctor Treatment for any adverse effects should be symptomatic. Treat as for iodine poisoning.

Carcinogenicity No ingredient in this formulation is known to be carcinogenic.

Compounding effects No known effects.

SECTION XII Ecological Information

Ecotoxicity No data available.

Persistence and Degradability No data available.

Mobility No data available.

SECTION XIII Disposal Considerations

Disposal Methods Empty containers may be recycled or sent to a commercial waste disposal site. Unused product should be suitable for landfill however contact the relevant local Waste Disposal Authority.

Special Precautions Do not dispose into sewers or waterways.

SECTION XIV Transport Information

UN Number None allocated.

UN Shipping Name None allocated.

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ADG Class	None allocated
Packing Group	None allocated.
Special Precautions	None allocated.
Hazchem Code	None allocated

SECTION XV Regulatory Information

Poisons Schedule	Not Scheduled
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SECTION XVI Other Information

Date	This MSDS has been reviewed and updated as required in May 2009.
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Key to Abbreviations

NOHSC: National Occupational Health and Safety Commission

ADG Class: Australian Dangerous Goods Class

CAS Number: Chemical Abstracts Service Number

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

UN: United Nations

Disclaimer

This Material Safety Data Sheet has been developed according to WORKSAFE Australia, NOHSC Guidelines.

Hazard Classifications have been determined in consultation with the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]. However, to the best of our knowledge, the finished product is unlikely to cause harm to humans handling, administering and dispensing as per label instructions.

The data, information and recommendations herein are represented in good faith and are believed to be correct as of the date hereof.

The purpose of this Material Safety Data Sheet is to describe products in terms of their safety requirements.

Apex Laboratories Pty Ltd make no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability prior to use of the product.

The physical data shown herein are typical values based on material tested. These values should not be construed as guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots hereof.

Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with relevant Federal, State and Local Government Regulations.