



AUSTRALIAN SAFETY WHOLESALERS
Your Number 1 Source for Industrial Safety

SAFETY DATA SHEET #SDS1702

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
1.1. Product identifier	
Product name	Underground Wipes
1.2. Alternative identifiers including Names / Codes / Barcode	
Proper Shipping Name	Solids Containing Flammable Liquid, N.O.S. (contains isopropanol)
Chemical Name	propan-2-ol
Chemical Synonym	isopropyl alcohol isopropanol
Product Code (Box) Barcode (Box)	UGW300 9335613003478
Product Code (Packet) Barcode (Packet)	UGW001 9335613003485
1.3. Uses and Uses advised against	
Uses(s)	Lens cleaner. Pre-saturated wipe.
Restrictions on Use(s)	N/A
1.4. Company Name	
Supplier	Australian Safety Wholesalers Pty Ltd
Address	12 Tambrey Way, MALAGA WA 6090
Postal	PO Box 483, MORLEY WA 6943
Telephone	+61 8 9208 7288
Facsimile	+61 8 9208 7299
Website	www.australiансafetywholesalers.com
1.5. Emergency Phone Number	
Emergency	0412 427 620



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2. HAZARDS IDENTIFICATION	
2.1. Classification of the Substance / Mixture	
GHS Classification	Flammable liquid – category 2 Eye irritation – category 2A Specific target organ toxicity (single exposure) – category 3
2.2. GHS Label elements	
Signal Word	Danger
Pictogram	
Hazard Statement(s)	H225 (Highly flammable liquid and vapour) H319 (Causes serious eye irritation) H336 (May cause drowsiness or dizziness)
Precautionary Statement(s)	
General	
• P101	If medical advice is needed, have product packaging and label at hand.
• P102	Keep out of reach of children.
• P103	Read label before use.
Prevention	
• P210	Keep away from heat/sparks/ open flames/hot surfaces. - No smoking
• P270	Do not eat, drink or smoke when using this product
Response	
• P370+P378	In case of fire: Use water jets for extinction.
• 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.
• P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Storage	
• P403 + P235	Store in a well-ventilated place. Keep cool.
• P410+403+412	Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C.
• P410	Protect from sunlight.
Disposal	Not applicable
• P501	Dispose of product responsibly in a suitable landfill or recycle in an appropriate manner.

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3. COMPOSITION AND INFORMATION ON INGREDIENTS	
Ingredient Name	isopropyl alcohol
CAS NUMBER	67-63-0
Proportion (%w/w)	70%
Ingredient Name	water
CAS NUMBER	7732-18-5
Proportion (%w/w)	25%
Ingredient Name	Trade secret
CAS NUMBER	Trade secret
Proportion (%w/w)	5%
4. FIRST AID MEASURES	
4.1. General Information: Consult the National Poisons Centre on 13 1126 or a doctor immediately in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If medical advice/attention is needed, have this SDS, product packaging or label at hand.	
4.2. Description of necessary first aid measures	
Inhalation	The product is unlikely to present an inhalation problem. If respiratory symptoms do occur, remove patient to fresh air. Lay patient down and keep warm and rested.
Skin Contact	If skin contact occurs flush with running water (and soap if available). Seek medical attention in event of irritation
Eye Contact	If eye contact occurs, rinse cautiously with water for at least 20 minutes. Continue rinsing. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If eye irritation persists, get medical advice/attention.
Ingestion	Due to the nature of the product, ingestion is unlikely to occur. However, if swallowed do NOT induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Contact a doctor or the National Poisons Centre on 13 1126 immediately.



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4.3. Symptoms caused by exposure

Potential Acute Health Effects

Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Eye Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards
Delayed Health Effects	
Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Eye Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

Aggravated Medical Conditions

Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Eye Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

4.4. Medical attention and special treatment

Notes to physician	Contains isopropyl alcohol. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment

5. FIRE FIGHTING MEASURES

5.1. Extinguishing Equipment

Suitable	Dry chemical, water spray, foam, carbon dioxide
Unsuitable	None known.

5.2. Specific hazards arising from the chemical

Decomposition products may include	carbon monoxide carbon dioxide irritant fumes
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5.3. Specific protection equipment and precautions for fire fighters

	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire fighters should wear appropriate protective equipment and self contained breathing apparatus with a full face piece operated in positive pressure mode.
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6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	
Personal precautions	Avoid contact with eyes. Do not breathe vapour. Put on appropriate protective equipment.
6.2. Environmental precautions	
	Avoid dispersal of spilt material and runoff and contain with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3. Methods and materials for containment and cleaning up	
	Transfer product to suitably labelled containers for disposal at an approved site. Absorb liquid spillage onto inert material (eg sand). Residues and small spillages may be washed away with water and detergent.
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	
General Warnings	Eating, drinking and smoking in work areas is prohibited. Wash hands after use.
	Remove contaminated clothing and protective equipment before entering work areas.
Conditions for safe storage, including any incompatibilities	Store in the original closed containers under dry conditions.
	To retain maximum quality, avoid elevated temperatures and do not store in direct sunlight, away from food and drink.



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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	
8.1. Exposure Control Measures	
Source	Australian Exposure Standards
Ingredient	Isopropyl Alcohol
TWA	983mg/m ³ / 400 ppm
STEL	1230mg/m ³ / 500 ppm
8.2. Biological Monitoring	NA
8.3. Control Banding	NA
8.4. Engineering Controls	Ensure adequate ventilation, especially in confined areas.
8.5. Individual Protection Measures	
Eye and Face	Wear AS/NZS1337 certified safety glasses
	Chemical resistant, impermeable gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Skin Protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Respiratory Protection	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use P1 respiratory certified to AS/NZS1716.
Thermal Hazards	See section 5.



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9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance / Colour:	Individual sachets containing paper impregnated with an isopropyl alcohol solution.
Odour	Rubbing alcohol
Odour Threshold	No data available
pH:	5.5
Melting Point	-89°C
Boiling Point (°C):	82.6°C
Flash Point	12°C
Evaporation Rate	No data available
Flamability (solid/gas)	No data available
Upper/Lower flammability or explosive limits	No data available
Vapour Pressure	33 mmHg
Vapour Density	2.1
Relative Density	No data available
Solubility	100%
Partition co-efficient (log pow)	No data available
Auto-ignition temperature	>200°C
Decomposition temperature	No data available
Viscosity	No data available
10. STABILITY AND REACTIVITY	
Reactivity	No data available
Chemical Stability	Stable under normal conditions of storage and handling
Possibility of hazardous reactions	No data available
Conditions to avoid	Direct sunlight, warm conditions. Contact with incompatible materials, heat, sparks, open flames and other ignition sources.
Incompatible materials	Oxidizing agents
Hazardous decomposition products	Decomposition products include oxides of carbon.



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11. Toxicological Information	
Signs & Symptoms of Exposure:	Isopropyl alcohol can cause drowsiness, ataxia, stupor, coma and respiratory depression, irritation of mucous membranes and eyes, gastritis, gastric haemorrhage, vomiting, pancreatitis, cold clammy skin, hypothermia, miosis, tachycardia, slow and noisy respiration.
Acute Toxicity	
Ingestion:	No data for the product is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the oral route. Isopropyl alcohol: Oral LD ₅₀ : > 3600 mg/kg (mouse).
Inhalation	No data for the product is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the inhalation route. Due to the nature of the product, exposure by inhalation is unlikely. Isopropyl alcohol: Oral LC ₅₀ : > 72.6 mg/L/4h (rat)
Dermal	No data for the product is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the dermal route. Isopropyl alcohol: Oral LD ₅₀ : > 12792 mg/kg (rabbit)
Skin Corrosion/Irritation	No data for the product is available.
Serious Eye Damage/Irritation	No data for the product is available. Due to the presence of isopropyl alcohol the product is classified as Eye Irritation Category 2
Respiratory or Skin Sensitation	No data for the product is available.
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity (STOT) – Single Exposure	No data available
Specific Target Organ Toxicity (STOT) – Repeated Exposure	No data available
Aspiration Hazard	No data available
Early onset symptoms related to exposure	Health effects are not known



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Delayed health effects from exposure	Health effects are not known
Exposure levels and health effects	Health effects are not known
Interactive effects	Health effects are not known
Mixture of chemicals	Health effects are not known
Other Information	Not available

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

13. DISPOSAL CONSIDERATIONS

Disposal methods	Re-use / re-cycling of waste highly recommended. Dispose according to the local legislation.

14. TRANSPORT INFORMATION

Dangerous Goods Classification	This product is not classified as a Dangerous Good according to the criteria of the Australian Classification: Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria. Reference Australian Code for the Transport of Dangerous Goods by Road & Rail (Edition 7.4 Update, December 2016)
U.N. No:	3175
Proper shipping name	Solids containing flammable liquid, n.o.s., (Isopropyl Alcohol)
Transport Hazard Class	4.1
Packing Group	II
Limited Quantities	1 Litre
Environmental Hazards or Transport Purposes (IMDG)	Not Applicable
Special Precautions for user	Not Applicable
Additional Information	Not Applicable
Hazchem or Emergency Action Code	1Z



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15. REGULATORY INFORMATION	
Safety, health and environmental regulations	No data available
16. OTHER INFORMATION	
<p>The information contained herein is accurate to the best of our knowledge. However, it is meant to describe safety requirements of our products, thus this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. No warranty is expressed or made as to this document's accuracy, reliability or completeness. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated.</p> <p>Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.</p> <p>Please read all labels carefully before using the product.</p> <p>Neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.</p>	

End of SDS.