

AZOWIPES - SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

1.1 Product Identifier

Trade Names: AZOWIPE™, AZO™ Wipette, AZOWIPE™ Blue, AZOWIPE™ Equipment, AZOWIPE™ Sterile.

Product Codes: 81103, 81104, AZ250W, AZ150W, 81110, 81123, 81148, 81160, 81138, 81120

1.2 Relevant identified uses of the substance or uses advised against

Bactericidal wipes saturated with a 70% v/v solution of Isopropyl Alcohol BP and AZO™ Spray for the disinfection of clinical surfaces. AZOWIPE™ Equipment for disinfecting non-invasive medical devices.

1.3 Details of Supplier

Company Name: Synergy Health (UK) Ltd
Address: 1 Western Avenue
 Matrix Park
 Chorley
 Lancashire
 PR7 7NB
 United Kingdom

Telephone: +44 (0) 1772 299900
Fax: +44 (0) 1772 299901

1.4 Emergency Telephone Number

+44 (0) 1772 299900

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Information for 70% v/v Isopropyl Alcohol Solution:
 EC Classification: Highly flammable

2.2 Label Elements

Label Elements under CHIP: Has a narcotizing effect.
 R 11 Highly flammable.
 R 36 Irritating to eyes.
 R 67 Vapours may cause drowsiness and dizziness. -

Hazard Symbols:



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2.3 Other hazards

PBT: this substance is not identified as a PBT substance.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

70% v/v solution of Isopropyl Alcohol BP (Propan-2-ol) in demineralised water.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact:	Irrigate thoroughly with water for at least 15 minutes. If persistent irritation occurs, obtain medical attention.
Skin contact:	Avoid prolonged contact. Wash thoroughly with water, using soap if available. If persistent irritation occurs, obtain medical attention.
Inhalation:	Remove to fresh air. If rapid recovery does not occur, obtain medical attention.
Ingestion:	Do not induce vomiting. Wash out mouth thoroughly with water and give plenty of water to drink. Quantities of 150ml or more should be considered as potentially lethal and IMMEDIATE medical attention sought.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact:	Irritating to eyes
Skin contact:	There may be mild irritation at the point of contact.
Inhalation:	Narcotic at high vapour concentrations.
Ingestion:	Irritation of the throat and digestive tract. Narcotic effect.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Alcohol resistant foam, water spray or fog. Carbon dioxide, dry powder, sand or earth may be used for small fires only. Water in a jet unsuitable.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products may include carbon monoxide. The vapour is heavier than air, spreads along the ground and distant ignition is possible.

5.3 Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Refer to section 8 of SDS for personal protection information. If the liquid component is spilled, eliminate all possible sources of ignition; mop up with plenty of water and flush to waste with water. Ventilate area to dispel residual vapour and avoid contact with skin and eyes.

6.2 Environmental precautions

Environmental Precautions: Dilute with plenty of water, do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up

Collecting and Cleaning: Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local regulations. Clean preferably with a detergent. Avoid the use of solvents.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling: Keep product upright. Keep away from ignition sources.

7.2 Conditions for safe storage including any incompatibilities

Storage: Store in a cool, well ventilated area away from direct sunlight. Keep container tightly closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Workplace exposure limits: OES Short-term value: 1250 mg/m³, 500 ppm
OES Long-term value: 999 mg/m³, 400 ppm

8.2 Exposure controls

Hand Protection:	Protective gloves.
Respiratory Protection:	Use in a well ventilated area. Respiratory protection not required.
Eye protection:	Ensure eye bath to hand.
Skin protection:	Suitable protective clothing.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Data for 100% Isopropyl Alcohol Solution:

Form:	Liquid
Colour:	Colourless
Odour:	Characteristic
Melting temperature:	-90 °C
Initial boiling point:	82 °C
Final boiling point:	83 °C
Density:	785 kg/m ³ @ 20 °C
Vapour pressure:	4.3 kPa @ 20 °C
Vapour density:	2.0 @ 20 °C
Solubility in water:	Miscible in all proportions
Flash point:	12 °C (Abel)
Explosion limits:	Lower 2% v/v Upper 12% v/v
Ignition temperature:	425 °C

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

As supplied the product is stable.

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

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10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Avoid contact with strong acids or strong oxidising agents.

10.6 Hazardous decomposition products

In combustion emits fumes of carbon dioxide and carbon monoxide.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Information for 100% Isopropyl Alcohol Solution:

Acute toxicity - oral:	LD50 > 2000mg/kg
Acute toxicity - dermal:	LD50 > 2000mg/kg
Acute toxicity - inhalation:	LD50 > 5mg/l
Eye irritation:	Slight irritant
Skin irritation:	Slight irritant
Respiratory irritation:	Irritant in animal studies
Skin sensitisation:	May cause skin sensitisation
(Sub)chronic toxicity:	Repeated exposure causes liver damage

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Can pose a significant risk of oxygen depletion in aquatic systems if discharged in large volumes. However no environmental hazard is anticipated with the small volumes associated with this product

12.2 Persistence and biodegradability

Dissolves in water; lost within a day by evaporation and dissolution. Readily biodegradable oxidises rapidly by photochemical reactions in air.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility In soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

After all the wipes in a canister have been used, any small amount of residual liquid can be flushed to waste with water. The canister and lid can then be recovered and recycled according to current legislation. Larger quantities should be disposed of according to local authority regulations.

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SECTION 14: TRANSPORT INFORMATION

Data for 70% v/v Isopropyl Alcohol Solution:

UN Number:	3175
UN Class/Packing Group:	4.1/II
UN Proper shipping name:	Solids containing flammable liquid N.O.S (Propan-2-ol)
UN Number (sea transport, IMO):	3175
IMO Class/Packing Group:	4.1/II
IMO Symbol:	Flammable solid
IMO Marine pollutant:	No
IMO Proper shipping name:	Solids containing flammable liquid N.O.S (Propan-2-ol)
ADR/RID Class/Item:	4.1
ADR/RID Symbol:	Flammable solid
ADR/RID Kemler Number:	4.1/3175
ADR/RID Proper Shipping Name:	Flammable solids, self-reactive substance and solid desensitized explosives
UN Number (air transport, ICAO):	3175
IATA/ICAO Class/Packing Group:	4.1/II
IATA/ICAO Symbol:	Flammable solid
IATA/ICAO Proper shipping name:	Solids containing flammable liquid N.O.S (Propan-2-ol)

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation applicable to the mixture

Information for 70% v/v Isopropyl Alcohol Solution:

EC Classification:	Highly flammable
EC Symbols:	F
EC Risk phrases:	R11 - Highly Flammable R36 - Irritating to eyes R67 - Vapours may cause drowsiness and dizziness
EC Safety phrases:	S7- Keep container tightly closed S16 - Keep away from sources of ignition, no smoking S25 - Avoid contact with eyes S26 - In case of contact with eyes rinse immediately with plenty of water and seek medical advice. S51 - Use only in well-ventilated areas

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture by the supplier.

SECTION 16: OTHER INFORMATION

The information contained in this Safety Data Sheet, which has been prepared in accordance with regulatory requirements is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Synergy Health (UK) Ltd shall not be liable for any damage resulting from handling or from contact with the above product.