



MATERIAL SAFETY DATA SHEET	ALMIT IPA SCREEN WIPES
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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION	
Trade Name	IPA Screen Wipes
Composition	Distilled Water dissolved in Propan-2-ol solvent (Isopropanol)
Manufacturer / Supplier	Almit Technology Ltd.
Address	Unit 7, Forest Row Business Park Station Road, Forest Row East Sussex RH18 5DW
Phone Number (United Kingdom)	01342 822 844
Fax Number (United Kingdom)	01342 824 155

SECTION 2. COMPOSITION AND INFORMATION ON THE INGREDIENTS	
Preparation - Hazardous Components (% w/w)	
Propan-2-ol	Non Hazardous Ingredients
< 80%	< 5%
Risk Phrases R11,36. CAS 67-63-0 Safety Phrases 7, 16, 39. Irritant to Eyes F: Highly Flammable.	Not classified

SECTION 3. HAZARDS IDENTIFICATION	
Main Hazards	Highly Flammable, May cause irritation to the Eyes & Skin and Mucous Membranes. Vapour may cause Narcosis and Systemic Effects. See Toxicological Information

SECTION 4. FIRST AID MEASURES	
Eye contact	Flood the eye immediately with copious amounts of cool fresh water for 10 - 15 mins. Pay particular attention to under the eyelids. Call for immediate medical attention.
Skin contact	Wash the skin with soap and warm water. If any soreness or inflammation persists call for medical attention. Wash all contaminated workwear before re-use.
Ingestion	Do not induce vomiting. Keep warm and rest. Wash out mouth. Give 1/2 pint of warm water to drink. Call for immediate medical attention.
Inhalation	Remove at once to fresh air. Call for immediate medical attention if there is any respiratory distress. Give Oxygen. If respiration stops or shows signs of failing, apply artificial respiration. DO NOT GIVE MOUTH to MOUTH VENTILATION.

SECTION 5. FIRE FIGHTING MEASURES	
Extinguishing media	Use an Alcohol resistant foam, Dry chemical, Carbon Dioxide or Water FOG. Vapours may re-ignite.
Unsuitable Extinguishing media	Do NOT use water jet.
Special hazards	Containers may explode when exposed to heat, Vapour can travel to a fresh source of ignition and Flash Back. Keep containers cool with a Water Spray. Vapour may collect in hollows or pockets.
Fire fighters protective equipment	Wear full protective clothing and Self contained breathing apparatus operating in the positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES	
Personal precautions	Wear the appropriate protective clothing. Eliminate all sources of ignition. Vapour is heavier than air and will collect at the lowest points. Cellars and hollows etc.
Environmental precautions	Prevent any material entering watercourses and drains etc. Advise the Local and River authorities if spillage has entered watercourses soil or vegetation.
Spillage	Beware of vapour pockets collecting to form explosive concentrations. Absorb with Sand, Earth or other inert absorbent material. Small spillage's can be washed away with water. Larger volumes should be collected and disposed of correctly.

SECTION 7. HANDLING AND STORAGE	
Handling	Use in a well ventilated area. Avoid inhalation of the vapours. Avoid all contact with the eyes and skin. Removed any contaminated clothing. Keep the container upright and sealed at all times.
Storage	Store in a cool dry well ventilated area in the manufactures original containers. Ensure containers are correctly labelled. Store away from heat or sources of ignition.

SECTION 8. PERSONAL PROTECTION AND EXPOSURE CONTROL	
National standards for Occupational Exposure	See also Regulatory Information. 400 (980 mg/m) – 8 hr TWA – UK HSE Recommended limit 500 (1225 mg/m) – 10 min TWA – UK HSE Recommended limit
Respiratory protection	Where there is a high risk of vapour and fume ingestion a respirator should be worn.
Hand protection	Wash hands after handling with soap & warm water, particularly before eating or drinking. Use Nitrile or PVC gloves.
Eye and Facial protection	Wear Chemical Goggles or Safety glasses as appropriate.
Body protection	Normal industrial workwear, avoid exposed skin.

SECTION 9. CHEMICAL AND PHYSICAL PROPERTIES	
Appearance	Colourless liquid.
Odour	Alcohol odour.
Boiling Point	82.3 Deg's C
Flash point	12 Deg's C Closed cup
Auto-ignition Temperature	460 Deg's C
Freezing Point	-89.5Deg's C
Vapour Pressure	1.6 mbar at 20 Deg's C
Vapour Density	(Air = 1) >2.07
Specific Gravity	0.786 @ 20 Deg's C
Solubility	Miscible
Water Reactive	None

SECTION 10. STABILITY AND REACTIVITY	
Stability	Stable Vapour/Air mixture may be explosive
Conditions to avoid	Oxidisers, Chlorinated compounds, Caustics, Amines, Alkanolimes, Aldehydes, Ammonia and Open flames.
Hazardous Polymerisation	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION	
Acute toxicity - Oral	LD ₅₀ 5.04 g/kg 100mls could be fatal.
Acute toxicity - Dermal	LD ₅₀ 16.4 ml/kg
Acute toxicity - Inhalation	LD ₅₀ > 5mg/L
Irritancy - Eyes	Slight irritant
Irritancy - Skin	Slight irritant
Skin contact	May cause skin sensitisation.
Human	May aggravate an existing Dermatitis, due to irritating and defatting process. Can cause drowsiness and dizziness.

SECTION 12. ENVIRONMENTAL INFORMATION	
Ecotoxicity	Non -hazardous to living resources 96 hr LC ₅₀ > 100 mg/l.
Degradability and Persistence	Readily biodegrades.
Bio-accumulation	Not expected to accumulate.
Mobility	Readily dissolves in water.

SECTION 13. DISPOSAL PROCEDURES	
Product disposal	Waste should be disposed under the "Special Waste" regulations. COPA 1980. . Control of Pollution Act 1974, and the Environmental Protection Act 1990.
Container disposal	Containers must not be re-used. Dispose with care. See above.

SECTION 14. TRANSPORT PROCEDURES	
Shipping name	IPA Cleaning Fluid
S.I. Number	1219
Hazchem Code	2 (Y) E

SECTION 15. REGULATORY INFORMATION	
Label Information	Highly Flammable, Irritant,
Risk phrases	R11: Highly Flammable. R36: Irritating to Eyes.
Safety phrases	S7: Keep containers tightly closed. S16: No Smoking. Keep away from sources of ignition. S 39: Wear eye & Face protection.
EC Annex I classification	F: Flammable Xi: Irritant
SECTION 15. REGULATORY INFORMATION (Continued)	
Applicable EC Directives	Dangerous Substances Directive 67/548/EEC and as amended by Directive 92/32/EEC Dangerous Preparations Directive 88/379/EEC and as amended by Directive 90/492/EEC
Applicable UK Legislation	The Control of substances Hazardous to Health Regulations 1994 The Health and Safety at Work Act 1974 The Management of Health and Safety at Work Regulations 1992 The Management of Health and Safety at Work Regulations 1994 as Amended
Technical Guidance	An Introduction to Local Exhaust Ventilation HS(G)37: A Step by Step Guide to the COSHH Regulations HS(G)97:
This safety data sheet has been revise and re-written to comply with the Chemicals (Hazard Information & Packaging) Regulations 1993. Commission Directive 91/155/EEC.	

SECTION 16. OTHER INFORMATION
<p>The information contained in this document is based on data considered to be accurate at the time of publication and is given free of charge. It is representative of typical product but batches may exhibit minor variations.</p> <p>No warranty is expressed or implied concerning the accuracy of this data.</p> <p>In case of doubt or for clarification Almit Technology should be consulted. Almit are unable to anticipate all condition's under which the product may be used, and users are advised to carry out an assessment of workplace risk and carry out their own tests to determine the Safety and Suitability for the process and condition's of use.</p> <p>This information is intended for use in the United Kingdom only, as different limits may be set in other countries. Please check with your Local and National Authorities or Supplier.</p>

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