

IPA WIPES 150 BUCKET / TUB WIPE MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name: IPA WIPES 150 BUCKET / TUB WIPE

Company: Industrial Adhesive Solutions Limited
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Product code: IPA WIPES 150

2. HAZARDS IDENTIFICATION

Risk Phrases:

R11 Highly flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.

Safety Phrases:

S2 Keep out of the reach of children.
S16 In case of contact with eyes, rinse immediately with plenty of water and seek
Keep away from sources of ignition – no smoking.
S25 Avoid contact with eyes.
S26

S36/37/39 medical advice. Wear suitable protective clothing, gloves and eye/face protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name and classification	Index no	CAS number	EC no.	%	Classification
Propan-2-ol	603-117-00-0	67-63-0	200-661-7	F ;	R11 Xn;R36 R67

Product shelf life: Recommended shelf life 1 year from date of delivery

Active Ingredients: An aqueous solution containing 70% Isopropyl Alcohol impregnated onto low lint wipes.

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4. FIRST AID MEASURES

4.1 Eye Contact:

Flush eyes with large amounts of water for 15 minutes keeping eyelids open. Remove any contact lenses. If signs/symptoms persist, get medical attention.

4.2 Skin Contact:

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and shoes before reuse. Prolonged contact may cause defatting of the skin.

4.3 Inhalation:

Remove person to fresh air. Seek medical attention. Inhalation may cause nausea and vomiting. May cause dizziness and headache.

4.4 Ingestion:

DO NOT INDUCE VOMITING. Drink 1 or 2 glasses of water. Get immediate medical attention and show them the container label.

4.5 General advice:

If you feel unwell seek medical advice.

5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Use extinguishing media appropriate to the surrounding fire conditions. Alcohol resistant foam. Water spray.

5.2 Special hazards arising from the substance or mixture:

Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for fire-fighters:

Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:

Ensure adequate ventilation of the working area. Eliminate all sources of ignition.

6.2 Methods for Cleaning up:

For large spills absorb with inert, absorbent material. Transfer to suitable, labelled container. Clean spillage area thoroughly with plenty of water.

For small spills, flush down the drain with plenty of water.

6.3 Environmental precautions:

Do not allow product to enter drains.

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7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep container tightly closed. Avoid inhalation of vapours, mists or spray. Avoid eye contact with vapours, mists, or spray. Vapours may ignite explosively. May cause flash fire. Prevent build-up of vapours - open all windows and doors. Maintain vapour concentrations below recommended exposure limits. Use only with cross-ventilation.

Without adequate ventilation, vapours may settle in low-lying areas. Keep away from heat, sparks, and open flame. Do not smoke or ignite matches, lighters, etc.

7.2 Precautions for Safe Storage:

Keep out of reach of children. Keep containers tightly closed. Store in original container. Keep container in a well-ventilated area. Store away from sources of heat and ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

8.1 Recommended Ventilation:

Use with appropriate local exhaust ventilation. Provide appropriate local exhaust ventilation on open containers. Use in a well-ventilated area. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below.

Occupational Exposure Limits and/or control mist, vapour, or spray. If ventilation is not adequate, use respiratory protection equipment.

8.2 Exposure Limits:

Iso Clean 70 Wipes (Propan-2-ol):

WEL 8 hour limit ppm: 400

WEL 8 hour limit mg/m : 999

WEL 15 min limit ppm: 500

WEL 15 min limit mg/m :³ 1250

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8.3 Exposure Controls:

8.3.1 Appropriate Engineering Controls: Ensure adequate ventilation in the working area

8.3.2 Individual Protection Measures: Adopt best handling considerations when handling, carrying and dispensing.

8.3.3 Eye Protection:

Avoid eye contact with vapours, mists, or spray. The following should be worn alone or in combination, as appropriate, to prevent eye contact: Safety glasses with side shields.

8.3.4 Hand Protection: The following glove material(s) are recommended: PVC chemical resistant gloves.

8.3.5 Respiratory Protection: Avoid inhalation of vapours, mists or spray.

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9. PHYSICAL AND CHEMICAL PROPERTIES

- State: Aqueous solution
- Colour: Clear
- Odour: Alcoholic

- pH: 6.0 to 8.5
- Boiling point/boiling range: 82.3°C
- Flash point: 20°C
- Vapour Flammability: HIGHLY FLAMMABLE R11
- Flammable Limits - LEL: 2
- Flammable Limits - UEL: 12
- Relative Density : 0.8555 to 0.885

- Autoignition Temperature : 425

- Viscosity: <20
- Explosive: Formation of explosive air/vapour mixtures is possible

- Solubility: Soluble in water

10. STABILITY AND REACTIVITY

10.1 Stability and Reactivity: Stable. Hazardous polymerisation will not occur.

10.2 Conditions to Avoid: Heat. Sparks and/or flames.

10.3 Materials to Avoid: Strong oxidising agents, strong acids.

10.4 Hazardous Decomposition: Carbon oxides

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity:

Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Inhalation may cause nausea and vomiting. May cause dizziness and headache.

11.2 Effects from Skin Contact:

Prolonged or repeated exposure may cause irritation to skin and mucous membranes. Prolonged contact may cause defatting of the skin.

11.3 Irritating to eyes.

11.4 Toxicological Information:

Iso Clean 70 Wipes Inhalation Rat LC50/8 h: > 20mg/l Oral rat LD50: 5045mg/kg
Dermal Rabbit LD50: > 2000mg/kg

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12. ECOLOGICAL INFORMATION

12.1 Environmental Data: Not determined.

12.2 Mobility in Soil and Water: Not determined.

12.3 Persistence/Biodegradability: Readily biodegradable. Evaporates readily

12.4 Bioaccumulation Potential: Does not bioaccumulate

12.5 Ecotoxicity Data: Not determined.

12.6 Further information: No known adverse environmental effects.

13. DISPOSAL CONSIDERATIONS

13.1 General Information:

Dispose of in compliance with all local and national regulations. Can be incinerated if in compliance with local and national regulations.

13.2 Disposal of packaging:

Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations

14. TRANSPORT INFORMATION

- UN number:	UN1219
- UN Proper Shipping Name:	ISOPROPANOL
- ADR/RID	3
- IMDG	3
- IATA	3
- Packing Group	II
- Environmental Hazards	No
- Marine Pollutant	No
- Hazard ID	33
-Tunnel Category	(D/E)
-EmS Code	F-E S-D
-Packing Instruction (Cargo)	364
-Maximum Quantity	60L
-Packing Instruction (Passenger)	353
-Maximum Quantity	5L

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15. REGULATORY INFORMATION

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC, Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC and 2000/21/EC.

16. OTHER INFORMATION

16.1 Complete list of risk phrases:

R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R21	Harmful in contact with skin.
R23	Toxic by inhalation.
R24	Toxic in contact with skin
R25	Toxic if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R39	Danger of very serious irreversible effects.
R43	May cause sensitisation by skin contact.
R48	Danger of serious damage to health by prolonged exposure through inhalation.
R50	Very toxic to aquatic organisms.
R51	Toxic to aquatic organisms.
R53	May cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.
R65	Harmful: May cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

Maximum content of VOC: 70

The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended application.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.