



IPA SOLVENT CLEANER 500 ML AEROSOL



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

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

1.1 Product identifier	
Product Name	IPA SOLVENT CLEANER 500 ML AEROSOL.
Part No.	1976
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	A safe cleaning solvent for quickly removing dirt/ grime/ general soiling and moisture from electrical equipment and rubber/ plastic components.
Uses advised against	None known.
1.3 Details of the supplier of the Safety Data Sheet	
Company Identification	Action Can Ltd., Dixon Close, Old Boston Trading Estate, Haydock, St. Helens, Merseyside. Wa11 9SF.
Telephone	01942 713667
Fax	01942 716235
E-Mail (competent person)	info@actioncan.com
1.4 Emergency telephone number	
Emergency Phone No.	01942 713667 (Mon – Fri: 9am to 5pm)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Directive 67/548/EEC & Directive 1999/45/EC	F+; Extremely flammable. Xi; Irritating to eyes. Vapours may cause drowsiness and dizziness.
2.2 Label elements	
Label elements	According to Directive 67/548/EEC & Directive 1999/45/EC
Product Name	IPA SOLVENT CLEANER 500 ML AEROSOL.
Hazard Symbol	 
Risk Phrases	F+ Xi R12: Extremely flammable. R36: Irritating to eyes. R67: Vapours may cause drowsiness and dizziness.
Safety Phrases	S3/7, S9, S16, S23, S51, S60



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Additional Information

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.

Do not pierce or burn, even after use.

% by mass of the contents are flammable: 100%.

Keep out of reach of children.

None.

For full text of R/S phrases see section 16.

2.3 Other hazards

2.4 Additional Information

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol. Action Can IPA spray is a large 500ml fill product of pure Iso Propyl Alcohol which conforms to BS 1595 ASTM D770/DIN 53245.

3.1 Mixtures

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Propan-2-ol	25 - 50	67-63-0	200-661-7	None assigned	F; R11, Xi; R36, R67
Butane	20 - 30	106-97-8	203-447-8	None assigned	F+; R12
Isobutane	10 - 25	75-28-5	200-857-2	None assigned	F+; R12
Propane	10 - 20	74-98-6	200-827-9	None assigned	F+; R12

3.2 Additional Information

For full text of R phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Move person to fresh air. If symptoms persist, obtain medical attention.

Skin Contact

Wash skin with soap and water.

Eye Contact

Remove contact lenses if worn. Hold eye open and rinse slowly and gently with water for 15-20 minutes. If symptoms persist, obtain medical attention.

Ingestion

Aerosol: Unlikely route of exposure.

Mixture: Make victim drink water. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Unlikely to be required but if necessary treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

No special requirements.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

Water spray, dry powder or carbon dioxide.

In case of major fire and large quantities: Water spray, alcohol resistant foam.

Unsuitable Extinguishing Media

Water jet spray.

5.2 Special hazards arising from the substance or mixture

Heating may cause pressure rise with risk of bursting.



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- 5.3 Advice for fire-fighters** Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation. Keep unprotected person away.
- 6.2 Environmental precautions** Do not allow into any sewer on the ground, or into any body of water.
- 6.3 Methods and material for containment and cleaning up** Place leaking cans in a bucket or pail to contain spills.
- 6.4 Reference to other sections** See Also Section 8 and 13.

7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Provide adequate ventilation. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothing immediately. Wash hands before breaks and after work. Store in a cool/low-temperature, well-ventilated (dry) place. Keep away from heat and direct sunlight. Ambient. Do not expose to temperatures exceeding 50°C/ 122°F.
- 7.2 Conditions for safe storage, including any incompatibilities** Storage Temperature: Stable under normal conditions. Storage Life: None anticipated. Incompatible materials: None anticipated.
- 7.3 Specific end use(s)** A safe cleaning solvent for quickly removing dirt/ grime/ general soiling and moisture from electrical equipment and rubber/ plastic components.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.1 Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Propan-2-ol	67-63-0	400	999	500	1250	WEL
Butane	106-97-8	600	1450	750	1810	WEL

WEL: Workplace Exposure Limit (UK HSE EH40).

- 8.1.2 Biological limit value** Not established.
- 8.1.3 PNECs and DNELs** Not established.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Provide adequate ventilation.



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8.2.2 Personal protection equipment

Eye/face protection



Not normally required. Wear eye protection with side protection (EN166).

Skin protection (Hand protection/ Other)



Not normally required. Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection



Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Do not allow into any sewer on the ground, or into any body of water.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	White / Clear.
Odour	Alcohol-like / Solvent.
Odour Threshold (ppm)	Not available.
pH (Value)	Not applicable.
Melting Point (°C)	Not applicable.
Boiling Point (°C)	-24°C
Flash Point (°C)	-42°C
Evaporation rate	Not applicable.
Flammability (solid, gas)	Extremely flammable.
Explosive limit ranges	2.0 – 18.6 Vol-%
Vapour pressure (Pascal) @ 20°C	520000Pa
Vapour Density (Air=1)	Not available.
Density (g/ml) @ 20°C	0.693g/ml
Solubility (Water)	Miscible.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	235°C
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity	Not available.
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidising properties	No information available.

9.2 Other information

Organic solvents: 100%

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Stable under normal conditions.
10.4 Conditions to avoid	Heat and direct sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
10.5 Incompatible materials	None anticipated.



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10.6 Hazardous Decomposition Product(s) None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Mixtures

Acute toxicity	Low acute toxicity.
Irritation	Irritating to eyes.
Corrosivity	Not classified.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Vapours may cause drowsiness and dizziness.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.

11.2 Other information None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No information available.
12.2 Persistence and degradability	No information available.
12.3 Bioaccumulative potential	No information available.
12.4 Mobility in soil	Miscible with: Water.
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	Water hazard class: WGK 1 (slightly hazardous to water).

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility.
13.2 Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

14.1 UN number	UN 1950
14.2 UN proper shipping name	AEROSOLS.
ADR/RID/IMDG	AEROSOLS, Flammable.
ICAO/IATA	
14.3 Transport hazard class(es)	2
ADR/RID	2.1
IMDG/ ICAO/IATA	
14.4 Packing Group	None.
14.5 Environmental hazards	None.
14.6 Special precautions for user	None.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
14.8 Additional Information	
14.8.1 ADR Classification Code	5F Gases.
14.8.2 Hazard label(s)	2.1
14.8.3 IMDG	EmS: F-D, S-U



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15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU regulations	
	Authorisations and/or restrictions on use	None known.
15.1.2	National regulations	None known.
15.2	Chemical Safety Assessment	Not available.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
WGK	Wassergefährdungsklasse (Germany)
F	Flammable
F+	Extremely flammable
Xi	Irritant

Risk Phrases and Safety Phrases

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.
S3/7	Keep container tightly closed in a cool place.
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

Hazard Symbol

F



F+



Xi





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Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

No information available.