LIQUICHEM

SAFETY DATA SHEET

LIQUICHEM ISOPROPYL ALCOHOL / IPA

Supplier	A Cleaners Dream Supplies
Address	Unit 15/457 Victoria Street, Wetherill Park NSW 2164 Australia
ABN	51 661 071 343
Website	www.acleanersdream.com.au
Phone	02 9607 4487
Emergency	Poisons Information Centre (Australia): 13 11 26, 24 hours, 7 days

Section 1: Identification

Product Identifier	Liquichem Isopropyl Alcohol / IPA
Other Names	Isopropanol, 2-Propanol, IPA
Chemical Formula	C3H8O
Recommended Use	Fast-evaporating solvent for industrial, commercial, workshop, cleaning and surface preparation applications.
Restrictions on Use	Use only as directed. Not intended for internal consumption. Keep away from ignition sources and incompatible materials.
Supplier	A Cleaners Dream Supplies, Unit 15/457 Victoria Street, Wetherill Park NSW 2164 Australia

Section 2: Hazard Identification

GHS Classification (Australia): Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia model WHS requirements.

Classification	Category
Flammable Liquid	Category 2
Serious Eye Damage / Eye Irritation	Category 2
Specific Target Organ Toxicity - Single Exposure	Category 3
Signal Word	DANGER
GHS Pictograms	 Flame (GHS02), Exclamation Mark (GHS07)
Hazard Statements	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

Precautionary Statements:

- P210 Keep away from heat, sparks, open flames, hot surfaces and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, lighting and other equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharge.
- P261 Avoid breathing vapours, mist or spray.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves and eye/face protection.
- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTRE or doctor if you feel unwell.
- P337 + P313 If eye irritation persists: Get medical attention.
- P370 + P378 In case of fire: Use carbon dioxide, dry chemical, alcohol-resistant foam or water spray to extinguish.
- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local, regional and national regulations.

Poisons Schedule (Australia)	Not Scheduled
Dangerous Goods	Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Section 3: Composition / Information on Ingredients

Component	CAS Number	Concentration
Isopropyl alcohol (2-Propanol)	67-63-0	<=100%

Ingredient information is provided for workplace safety, transport and emergency response purposes. Product may contain minor impurities typical of commercial grade material.

Section 4: First Aid Measures

Route	Action
Swallowed	Rinse mouth with water. Do NOT induce vomiting. Contact the Poisons Information Centre on 13 11 26 or a doctor for advice. Never give anything by mouth to an unconscious person.
Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if symptoms such as dizziness, drowsiness, breathing difficulty or irritation occur. If breathing is difficult or the person is not breathing normally, seek urgent medical attention.
Eye Contact	Immediately rinse cautiously with water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
Skin Contact	Remove contaminated clothing and shoes. Rinse skin and hair with water. Wash with soap and water. Seek medical advice if irritation develops. Wash contaminated clothing before reuse.
Advice to Doctor	Treat symptomatically. Effects of exposure may be delayed. Ensure medical personnel are aware of the material involved and take precautions to protect themselves.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Dry chemical powder, carbon dioxide, alcohol-resistant foam or water spray. Alcohol-resistant foam is preferred for larger fires.
Unsuitable Media	Do not use a solid water jet as it may spread burning liquid.
Specific Hazards	Highly flammable liquid and vapour. Vapours may form explosive mixtures with air, travel to ignition sources and flash back. Containers may explode when heated.
Combustion Products	Fire may produce irritating, corrosive and/or toxic gases, including oxides of carbon.
Firefighter Protection	Wear self-contained breathing apparatus and full protective clothing. Cool exposed containers with water spray if safe to do so.
Flash Point	12°C
Flammable Limits	Lower explosion limit: 2%. Upper explosion limit: 12%.
Hazchem Code	•2YE

Section 6: Accidental Release Measures

- Eliminate all ignition sources. No smoking, sparks, flames or hot work in the spill area.
- Ensure adequate ventilation. Avoid breathing vapours and avoid contact with eyes, skin and clothing.
- All equipment used during clean-up should be earthed/bonded where practicable. Use non-sparking tools.
- Stop leak if safe to do so. Prevent entry into drains, waterways, basements and confined spaces. Do not touch or walk through spilled material.
- Absorb with dry earth, sand, vermiculite or other non-combustible absorbent material and place into suitable labelled containers for disposal.
- For large spills, isolate area, keep upwind and consider evacuation according to site emergency procedures.

Section 7: Handling and Storage

Handling	Storage
Use only outdoors or in a well-ventilated area. Avoid breathing vapours, mist or spray. Avoid contact with eyes and prolonged skin contact. Keep away from heat, sparks, open flames and other ignition sources. Ground and bond containers and receiving equipment. Use explosion-proof equipment and non-sparking tools. Take precautions against static discharge. Do not eat, drink or smoke while using this product.	Store in a cool, dry, well-ventilated area away from direct sunlight, ignition sources and incompatible materials. Keep containers tightly closed when not in use. Store locked up. Keep in original container where possible. Empty containers may retain flammable vapour and residue and should not be cut, welded, drilled, heated or exposed to ignition sources. Safety shower and eyewash facilities should be available where larger quantities are handled or where splashing may occur.

Section 8: Exposure Controls / Personal Protection

Exposure Standard	Isopropyl alcohol (CAS 67-63-0): Safe Work Australia TWA 400 ppm (983 mg/m3); STEL 500 ppm (1,230 mg/m3).
Engineering Controls	Use local exhaust ventilation and/or general ventilation to keep airborne exposure as low as practicable. Use explosion-proof electrical, ventilating and lighting equipment where flammable vapours may be present.
Respiratory Protection	If ventilation is inadequate or vapours/mists are generated, use suitable respiratory protection with an organic vapour filter suitable for the exposure level and work task.
Eye / Face Protection	Wear safety goggles or suitable eye/face protection to prevent eye contact. Do not wear contact lenses when handling this product where splashing may occur.
Hand Protection	Wear impervious solvent-resistant gloves.
Skin / Body Protection	Wear suitable protective clothing, apron and work boots where splashing may occur.
Hygiene Measures	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not eat, drink or smoke when using this product.

Section 9: Physical and Chemical Properties

Property	Value
Appearance	Clear colourless liquid
Odour	Strong alcohol odour
pH	No data available
Boiling Point / Range	82 - 83°C
Flash Point	12°C
Evaporation Rate	2.4 (butyl acetate = 1)
Flammability	Highly flammable liquid and vapour
Lower / Upper Explosion Limits	2% / 12%
Vapour Pressure	4.4 kPa at 20°C
Relative Vapour Density	2.1 (air = 1)
Specific Gravity	0.78 - 0.79
Solubility	Miscible with water
VOC	100%
Auto-Ignition Temperature	No data available
Viscosity	No data available
Decomposition Temperature	No data available

Section 10: Stability and Reactivity

Reactivity	Reacts with strong oxidising agents. May attack some plastics and rubber.
Chemical Stability	Stable under recommended storage and handling conditions.
Conditions to Avoid	Heat, sparks, open flames, hot surfaces, static discharge and other ignition sources.
Incompatible Materials	Strong oxidising agents, acetaldehyde, chlorine, ethylene oxide, strong acids and isocyanates.
Hazardous Decomposition Products	Incomplete combustion may produce carbon monoxide, carbon dioxide and irritating or toxic fumes.
Hazardous Polymerisation	Will not occur.

Section 11: Toxicological Information

Endpoint	Information
Likely Routes of Exposure	Inhalation, eye contact, skin contact and ingestion.
Acute Toxicity	Low degree of toxicity by ingestion; low to moderate degree of toxicity by inhalation. Oral LD50 rat: 5,045 mg/kg. Dermal LD50 rabbit: 12,800 mg/kg. Inhalation LC50 rat: 16,000 ppm (8 h).
Skin Corrosion / Irritation	May cause mild skin irritation. Repeated or prolonged contact may defat the skin, causing dryness or cracking.
Serious Eye Damage / Irritation	Causes serious eye irritation, redness and discomfort.
Respiratory / Skin Sensitisation	Not expected to be a respiratory or skin sensitiser based on available information.
STOT Single Exposure	May cause drowsiness or dizziness and may irritate the upper respiratory tract.
Aspiration Hazard	Not classified as an aspiration hazard based on available information. Avoid aspiration of liquid into the lungs during swallowing or vomiting.
Carcinogenicity	Isopropyl alcohol is listed by IARC as Group 3, not classifiable as to its carcinogenicity to humans.

Section 12: Ecological Information

Ecotoxicity	Acute aquatic hazard and long-term aquatic hazard classified as non-hazardous based on available information.
Persistence / Degradability	Readily biodegradable.
Mobility	Miscible with water and may move with water in the environment.
Bioaccumulative Potential	No data available.
Environmental Protection	Avoid uncontrolled release to drains, waterways and soil.

Section 13: Disposal Considerations

- Dispose of contents and containers in accordance with local, regional and national regulations.
- Do not discharge into drains, waterways or soil.
- Waste product and contaminated absorbents should be handled as flammable solvent waste.
- Empty containers may retain flammable vapours and should be treated with caution. Do not cut, weld, drill or expose empty containers to heat or ignition sources.

Section 14: Transport Information

Transport Item	Detail
UN Number	UN 1219
Proper Shipping Name	ISOPROPANOL (ISOPROPYL ALCOHOL)
Dangerous Goods Class	Class 3 Flammable Liquids
Subsidiary Risk	None allocated
Packing Group	II
Hazchem Code	**•2YE**
EPG	129 Flammable Liquids (Water-Miscible/Noxious)
Marine Pollutant	No
EMS	F-E, S-D
ADG Status	Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Limited Quantity	Check current ADG Code and carrier requirements for package size, inner/outer packaging and mode of transport.

Section 15: Regulatory Information

GHS / WHS	Classified as hazardous according to Safe Work Australia criteria under the model WHS Regulations.
Poisons Schedule (Australia)	Not Scheduled.
Australian Inventory	Listed on the Australian Inventory of Industrial Chemicals (AIIC).
Dangerous Goods	Classified as Dangerous Goods for transport under the ADG Code.

Section 16: Other Information

Issue Date	May 2026
Version	4.0
Prepared For	A Cleaners Dream Supplies / Liquichem
Source Information	Based on supplier SDS information for Isopropyl Alcohol and adapted into Liquichem SDS format for workplace and product safety communication.
Disclaimer	The information in this SDS is provided in good faith and is believed to be accurate at the issue date. Users must determine suitability for their specific application and comply with all applicable laws, regulations and workplace procedures.

End of Safety Data Sheet