



Safety Data Sheet

Issue Date: February 2023

ISSUED by Eazy-Glean

Isopropyl Alcohol

Classified as hazardous according to criteria of GHS

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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| Product Name | Isopropyl Alcohol |
| Product Code | IPA4, IPA20, IPAD20 |
| Company Name | Total Focus Chemicals (A.C.N. 655 918 755) |
| Address | 36 Richland Ave, Coopers Plains, QLD 4108 |
| Emergency Tel. | After hours only: 0477 447 999 |
| Telephone/Fax Number | Tel: (07) 3274 2593 Fax: (07) 3277 2450 |
| Email | sales@eazyglean.com.au |
| Recommended Use | Multipurpose solvent |
| Other Information | The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Eazy-Glean Pty Ltd does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts. |

2. HAZARDS IDENTIFICATION

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| Hazard Classification | Classified as hazardous according to criteria of GHS Dangerous Goods according to the Australia Dangerous Goods Code Eye Irritation: Category 2A Flammable Liquid: Category 2 Specific Target Organ Toxicity (single exposure): Category 3 |
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| Signal Word | WARNING |
| Hazard Statements: | Causes serious eye irritation Highly Flammable liquid and vapour May cause dizziness or drowsiness |



Precautionary Statements:

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| Prevention: | Keep out of reach of children. Read label before use. Wash hands thoroughly after handling. Do not breathe fumes, mist, vapours or spray. Wear protective gloves & eye protection. Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground, bond container & receiving equipment. Use explosion proof equipment & non sparking tools. Take precautionary measures against static discharge |
| Response: | IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash before re-use. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. IF INHALED: Remove victim to fresh air and keep at rest position comfortable for breathing. |



IF SWALLOWED: Seek emergency medical help immediately. DO NOT induce vomiting.
Call a POISON CENTRE or doctor if you feel unwell.

IN CASE OF FIRE: Use foam/water spray/fog to extinguish.

Storage:

Store in a well ventilated place. Keep cool. Store locked up.

Disposal:

Dispose of contents and containers as per local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|--------------------|--------------------|-------------------|--------------------------|
| | Isopropyl Alcohol | 67-63-0 | 70 – 100 % |

4. FIRST AID MEASURES

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| Inhalation | Remove the victim from the source of exposure, if rapid recovery does not occur, seek immediate medical attention. Breathing of high vapour concentrations may cause central nervous system depression resulting in headaches, dizziness, nausea, loss of coordination, impaired judgement; continued inhalation may result in unconsciousness and/or death. If the victim is not breathing, apply artificial resuscitation. |
| Ingestion | Do NOT induce vomiting. Give water to drink. Seek immediate medical attention. If spontaneous vomiting occurs, keep head below hips to prevent aspiration. |
| Skin | Remove contaminated clothing and launder before re-use. Wash affected skin with soap and water. |
| Eye | Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention. |
| First Aid Facilities | This Safety Data Sheet should be provided to the attending medical doctor. Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use. |
| Advice to Doctor | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

Fire Fighting Measures:

Highly flammable liquid

Suitable extinguishing media:

Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet.

Specific Hazards:

Highly flammable liquid and vapour. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Hazards from Combustion Products:

Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

Special Protective Equipment for fire fighters:

Wear full protective clothing and self-contained breathing apparatus. Hazchem code 3YE.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal



- For small spill(<1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent, material and dispose of safely.
- For larger spills (>1 drum), If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Personal Precautions, protective equipment & emergency procedures:

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Environmental Precautions:

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

7. HANDLING AND STORAGE

Handling and Storage

Highly flammable product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

Isopropyl Alcohol: TWA (8h) 983mg/m³
STEL 1230ppm

Engineering Controls

Ensure that adequate ventilation is provided.
Keep containers closed when not in use.

Personal Protective Equipment

The wearing of rubber or PVC gloves is highly recommended. The wearing of chemical goggles if handling large amounts or if splashing is likely to occur is highly recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Colourless liquid, |
| Boiling Point | 82 - 83°C |
| Melting Point | -88°C |
| Solubility in Water | complete |
| Specific Gravity | 0.78 – 0.79g/ml @ 25°C |
| pH Value | Not available |
| Evaporation Rate | Not available |
| Volatile Component | 100% |
| Flash Point | 12°C (Abel). |
| Flammability | Highly Flammable |
| Vapour Pressure | 4.1kPa |
| Auto-ignition temperature | 392°C (ASTM E-659) |



10. STABILITY AND REACTIVITY

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| Chemical Stability | Stable under normal conditions of storage and use. |
| Conditions to Avoid | Avoid heat, sparks, open flame and sources of ignition |
| Incompatible Materials | Strong oxidising agents and strong acids. |
| Hazardous Decomposition | Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including Carbon monoxide, carbon dioxide and other organic compounds. |

11. TOXICOLOGICAL INFORMATION

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| Inhalation | Breathing of high vapour concentrations may cause central nervous system Depression resulting in headaches, dizziness and nausea; continued Inhalation may result in unconsciousness and/or death. |
| Ingestion | Swallowing may result in nausea, vomiting & irritation of the gastro intestinal tract. |
| Skin | May include burning sensation and/or a dried/cracked appearance. |
| Eye | May include burning sensation, redness, swelling and/or blurred vision. |
| Chronic Effects | Prolonged and repeated exposure with undiluted solutions may induce eczematoid dermatitis. |

12. ECOLOGICAL INFORMATION

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| Short Summary of Assessment of Environmental Impact | The components of this product are substances that are classified as 'readily biodegradable' according to Australian and international standards. None of the components of this product are expected to bioaccumulate. At normal use levels and following standard effluent treatment, this product is expected to exhibit low toxicity towards aquatic organisms. However, the undiluted material should be prevented from entering waterways. |
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13. DISPOSAL CONSIDERATIONS

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| Waste Disposal | Recycle if possible. Otherwise, dispose of large amounts according to local authority statutory requirements. For small amounts, wash the product to the drain with a large excess of water. |
| Container Disposal | Rinse empty containers with an excess of water to the effluent system. The clean, empty containers are recyclable. |

14. TRANSPORT INFORMATION

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| Transport Information | This product is classified as Dangerous according to the ADG. |
| UN number: | 1219 |
| Proper Shipping Name: | ISOPROPANOL |
| ADG Class: | 3 |
| Packing Group: | II |
| HazChem: | • 2YE |
| IMO Marine Pollutant | None of the components of this product is considered by IMO to be a Marine Pollutant. |



15. REGULATORY INFORMATION

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| Poisons chedule | Not scheduled |
| AICS (Australia) | To the manufacturer's best knowledge, all components of this product are listed on AICS. |

16. OTHER INFORMATION

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| Contact Person/Point | Technical Manager 0477 447 999 |
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