



PRODUCT NAME: ISOCOL Rubbing Alcohol

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	ISOCOL Rubbing Alcohol
Product Codes	1NPK001 – 345mL Bottle 1NPK002 – 75mL Spray
Manufacturer	Nicepak Products
Address	120 Woodlands Drive Braeside Vic 3195 Australia
Emergency Telephone Number	+61 3 8586 0500 Australia – 13 11 26 (Poisons Information Centre)
Facsimile Number	+61 3 8586 0505
Manufacturer's Formulation Name	ISOCOL Rubbing Alcohol Formulation Item Number: 2NPK001
Use	Antibacterial rub preparation for topical human use.

SECTION 2: HAZARDS IDENTIFICATION

Description	Contains Isopropyl Alcohol 64% which is hazardous according to Worksafe Australia.
GHS label elements	 
Signal Words	Danger
Hazard Classification	Highly flammable liquid and vapour - category 2 Eye irritation - category 2A Specific target organ toxicity (single exposure) – category 3
Hazard Statement(s)	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary Statement(s)	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 Keep container tightly closed P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/intrinsically safe equipment. P242 Use only non-sparking tools.



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Response Statement(s)	<p>P243 Take precautionary measures against static discharge. P261 Avoid breathing mist/vapours/spray. P264 Wash exposed skin thoroughly after handling P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection</p> <p>P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower</p> <p>P304+P340 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</p> <p>P312 Call a POISON CENTER/doctor/physician if you feel unwell P337+P313 If eye irritation persists: Get medical advice/attention</p> <p>P370+P378 In case of fire: Use dry chemical powder, alcohol resistant foam, carbon dioxide (CO₂) for extinction</p>
Storage Statement(s)	<p>P403+P233 Store in a well-ventilated place. Keep container tightly closed P235 Keep cool</p>
Disposal Statement(s)	<p>P501 Dispose of contents/container to comply with local, state and federal regulations</p>
Other Hazards	<p>Marine Pollutant: No</p>

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

INCI NOMENCLATURE	CAS NUMBER	PROPORTION (% v/v)
Isopropyl Alcohol	67-63-0	64.00
Non-hazardous ingredients		To 100.00

SECTION 4: FIRST AID MEASURES

EMERGENCY FIRST AID

Eye Contact	Wash with copious amounts of water continuously for 15 minutes. Seek medical advice if irritation is experienced.
Skin Contact	If irritation or skin sensitisation develops, discontinue use. If irritation or skin sensitisation persists, consult a doctor.
Inhalation	Remove to fresh air, rest patient and seek medical attention.
Ingestion	Drink water do not induce vomiting. Seek medical advice. Contact the Poisons Information Centre on 13 11 26.
Note to Physician	Treat Symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Flammability	<p>Highly flammable liquid. May form flammable mixtures with air. Burns with a colourless flame. The vapour is heavier than air and may travel along the ground; distant ignition and flash back are possible.</p> <p>Run off to sewers and drains may cause explosions. Isolate for at least 800 metres in all directions if tanks or tankers are involved. The use of compressed air for filling, discharging, mixing or handling is prohibited due to the vapour hazard.</p> <p>All vessels must be earthed to avoid generation of static charges when agitating or transferring solvents. Avoid all ignition sources. Intrinsically safe equipment is necessary in areas where this chemical is being used.</p>
Hazards from combustion products	<p>Flammable. Gas/vapour flammable and explosive with air within explosion limits. Gas/vapour spreads at floor level: ignition hazard. May be ignited by sparks. Upon combustion: carbon monoxide and dioxide are formed. Violent to explosive reaction with (strong) oxidizers. Prolonged storage/in large quantities may form peroxides.</p>

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Precautions for firefighters and special protection equipment	Wear self-contained breathing apparatus and protective suit.
Suitable extinguishing material	Use alcohol-resistant foam, dry chemical or carbon dioxide. Cool closed containers exposed to fire with water spray.
Unsuitable extinguishing material	Solid water jet
HAZCHEM Code	<ul style="list-style-type: none"> • 3YE(3) • 3Y

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures	Wear personal protective equipment including protective gloves, goggles and clothing. Consider evacuation. Keep away and upwind from leak. Ensure adequate ventilation. Remove all sources of ignition. Do not swallow. Avoid breathing vapours, mist or gas. Avoid contact with skin, eyes and clothing. Keep containers closed.
Methods and material for containment and clean up	Ventilate the area. Collect and contain spillage, take up mechanically by absorbing with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Collect contaminated water/firefighting water separately. Dispose of in accordance with local regulations.
Environmental precautions(s)	Avoid discharge into the environment. Prevent further leakage or spillage if safe to do so. Do not discharge into the drains/surface waters/groundwater or the subsoil/soil. Prevent from entering drains.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear personal protective equipment. Use only in well-ventilated areas. Keep container tightly closed. Do not smoke. Do not swallow. Avoid breathing vapours, mist or gas. Avoid contact with skin, eyes and clothing. Keep away from fire, sparks and heated surfaces. Take precautionary measures against static discharges. Ensure all equipment is electrically grounded before beginning transfer operations. Use explosion-proof equipment. Keep product and empty container away from heat and sources of ignition. No sparking tools should be used. No smoking.
Conditions for safe storage	Store locked up and in area designed for storage of flammable liquids. Protect from physical damage. Store in original containers and keep tightly closed in dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from heat and ignition sources. Keep away from direct sunlight. Store away from incompatible substances such as oxidizing agents, (strong) acids, (strong) bases, amines, halogens.

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SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

National Exposure Standards	National Occupational Exposure Standard (NES), Safe Work Australia. Isopropyl Alcohol: Time Weighted Average – 400ppm 983 mg/m ³ Short-Term Exposure Limit – 500ppm 1230 mg/m ³
Biological Limit Values	No data available
Engineering Controls	Ensure adequate natural ventilation when applying this product.
Personal Protective Equipment	None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solution
Colour	Clear Colourless
Odour	Characteristic (fresh linen)
pH	6.5 – 7.5
Specific Gravity or Density	0.85 – 0.92
Vapour Pressure	>4.4 kPa @ 20°C
Vapour Density	100% Isopropyl Alcohol: 2.1 (Air = 1) (HSDB)
Percent Volatiles	Not Available
Boiling Point Range	<95°C
Freezing/Melting Point	100% Isopropyl Alcohol: -87.9°C (HSDB)
Solubility	Soluble in water
Flash Point (include method detection)	24°C (estimated)
Flammability Limits	100% Isopropyl Alcohol: Lower limit 2.0% by volume; Upper limit 12.7% by volume @ 93°C
Ignition Temperature	No data available
Other	Evaporation Rate - 100% Isopropyl Alcohol: 21 (Ether = 1), 1.7 (n-Butyl acetate = 1)(HSDB)

SECTION 10: STABILITY AND REACTIVITY

Reactivity	May have a solvent effect on rubber and certain soft plastics. Reacts with incompatible materials.
Chemical Stability	Stable under normal conditions of use
Conditions to avoid	Direct sunlight, heat, high temperature, open flame, sparks, other sources of ignition. Incompatible materials.
Incompatible Materials	Strong oxidizing agents, strong acids, alkalis, amines and aluminium.
Hazardous Decomposition Products	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including oxides of nitrogen, carbon monoxide and carbon dioxide.
Hazardous Reactions	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects	
Ingestion	No data available

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Eye Contact	Product and vapours can cause eye irritation. Avoid contact with eyes
Skin Contact	May cause skin irritation, patch test prior to use.
Inhalation	Extended exposure to vapour may be slightly irritating to respiratory tract.
Long term effects	No data available
Acute Toxicity/ Chronic Toxicity (ie LD50):	No data available


SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Isopropyl Alcohol - Ecotoxicity - air: TA-Luft Klasse 5.2.5. Ecotoxicity - water: Ground water pollutant. Not harmful to fishes (LC50(96h) >1000 mg/l. Not harmful to invertebrates (Daphnia) (EC50 (48h) > 1000 mg/l. Not harmful to algae (EC50 (72h) >1000 mg/l. Inhibition of activated sludge.
Persistence and degradability	Isopropyl Alcohol - Readily degradable (95% degradable (OECD 301 E, 21 days)
Mobility	Isopropyl Alcohol - Surface tension 0.021N/m @ 25°C. Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Other adverse effects	No data available
Bioaccumulation Potential	Isopropyl Alcohol - Bioconcentration factor (BCF): > 70%. Log Kow <4. Low potential for bioaccumulation

SECTION 13: DISPOSAL CONSIDERATIONS

Method of disposal	Observe all local regulations
Spillages	Consolidate large amounts, wash remainder with hot water and detergent

SECTION 14: TRANSPORT INFORMATION

Regulation	UN Number	Proper Shipping Name	DG Class	Packing Group	Label	Additional Information
ADG	UN1987	ALCOHOLS, N.O.S. [Isopropyl Alcohol]	3	III		None
IMDG	UN1987	ALCOHOLS, N.O.S. [Isopropyl Alcohol]	3	III		None
IATA	UN1987	ALCOHOLS, N.O.S. [Isopropyl Alcohol]	3	III		None

SECTION 15: REGULATORY INFORMATION

Poisons Schedule	Not scheduled
APMVA Status	Not applicable
TGA Status	AUST R 61358
AICS Status	All the constituents for this product are listed on AICS



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SECTION 16: OTHER INFORMATION

SDS Prepared by	Nicepak Products Pty Ltd
Date Prepared	29/03/2022
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Version Number	1.0
Reason for Issue	Updated template

CONTACT POINT

Monday - Friday	9:00am – 5:00pm (AEST)
Consumer Services	1800 506 750 (Aus)
Department	0800 555 895 (NZ)

Emergency phone number (24 hours/7 days)	Poisons Information Centre 13 11 26
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Key/Legend to Abbreviations and Acronyms used in the SDS:

Abbreviation/Acronym	Meaning
AAN	Australian Approved Name
ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
APVMA	Australian Pesticides and Veterinary Medicines Authority
CAS Number	Chemical Abstracts Service Number
DG	Dangerous Goods
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD ₅₀	The median lethal toxicological dose, LD ₅₀ is an abbreviation for "Lethal Dose, 50%" of a toxic substance. This is the dose required to kill half the members of a tested population.
SDS	Safety Data Sheet
SPF	Sun Protection Factor
TGA	Therapeutic Goods Administration
UN Number	UN numbers are four-digit numbers that identify hazardous substances, and articles (such as explosives, flammable liquids, toxic substances, etc.) in the framework of international transport.
WHS	Work Health and Safety

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