

cause headaches and central nervous system depression. Prolonged and constant skin contact may lead to dermatitis.

Inhalation	Unlikely route of exposure. Unlikely to irritate the nose, throat and respiratory tract.
Ingestion	Irritant.
Skin	Irritant. May cause dermatitis after prolonged and constant use.
Eye	Eye irritant.

4. FIRST AID MEASURES

Inhalation	Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation.
Ingestion	Do NOT induce vomiting. Give water to drink. Seek medical attention.
Skin	Remove contaminated clothing and launder before re-use. Wash affected skin with water.
Eye	Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention.
First Aid Facilities	Eye wash station. This Material Safety Data Sheet should be provided to the attending medical doctor.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

	This product is not flammable under the conditions of use and does not support combustion.
Extinguishing Media	Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.
Specific Hazards	None known.
Hazardous Combustion Products	During combustion, this product may produce carbon monoxide as well as other unidentifiable organic compounds.
Protective Equipment	Firefighters are to wear protective equipment appropriate to the principal fire hazard or the source of the fire. No special protective equipment required if this product is involved in a fire.
Flash Point	This product will not flash and is not classified as a flammable liquid.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Personnel involved in cleaning up any spills are to wear gloves and goggles. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and then transfer into sealed plastic containers for disposal.
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7. HANDLING AND STORAGE

Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs. Keep containers

sealed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	<u>Name</u>	mg/m³ (STEL)	ppm (STEL)	mg/m³ (TWA)	ppm (TWA)	TWA	<u>Footnote</u>
	Water	-	-	-	-		
	Isopropyl alcohol	1230	500	983	400		
	Ingredients determined not to be hazardous	-	-	-	-		
Personal Protective Equipment	Not required under normal conditions of use. Wear gloves and chemical goggles if handling large amounts and if splashing is likely to occur.						
Eng. Controls	Natural ventilation adequate under normal conditions of use. If vapours or spray mists are produced during use, the ventilation must be capable of limiting exposure to below the relevant exposure standards. Keep containers closed when not in use.						

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque yellow viscous liquid, pleasant fragrance.
Boiling Point	100°C
Solubility in Water	Complete
Specific Gravity (H₂O=1)	1.005 @ 25°C
pH Value	5.0 - 5.5
Evaporation Rate	As for Water
Volatile Component	92% w/w
Flash Point	This product will not flash and is not classified as a flammable liquid.

10. STABILITY AND REACTIVITY

Stability	Considered stable to heat and light. For extended storage stability, store below 30°C and keep out of direct sunlight.
Hazardous Polymerization	Will not occur.
Materials to Avoid	Strong oxidising agents, soaps, detergents, anionic surfactants.
Conditions to Avoid	None known.

11. TOXICOLOGICAL INFORMATION

Inhalation	Unlikely route of exposure. Unlikely to irritate the nose, throat and respiratory tract.
Ingestion	Irritant.

Skin	Irritant. May cause dermatitis after prolonged and constant use.
Eye	Eye irritant.
Chronic Effects	Prolonged or chronic inhalation of isopropyl alcohol may cause headaches and central nervous system depression. Prolonged and constant skin contact may lead to dermatitis.
Reproductive Toxicity	None of the components of this product is considered to be toxic to the unborn foetus.
Mutagenicity	None of the components of this product is considered to be a mutagen.
Carcinogenicity	None of the components of this product is considered to be a carcinogen.

12. ECOLOGICAL INFORMATION

Short Summary of Assessment of Environmental Impact	At normal use levels and following standard sewerage treatment, this product is expected to exhibit low toxicity towards aquatic organisms. However, the undiluted material should be prevented from entering waterways. The cationic surfactant contained in this product is considered to undergo ultimate biodegradation. None of the components of this product are expected to bioaccumulate.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of large amounts in a chemical dump according to local authority statutory requirements. For small amounts, wash the product to the drain with a large excess of water.
Container Disposal	Empty containers are recyclable.

14. TRANSPORT INFORMATION

	This product is classified as non dangerous according to the ACTDG.
IMO Marine Pollutant	None of the components of this product is considered by IMO to be a Marine Pollutant.

15. REGULATORY INFORMATION

Safety Phrase	S16 Keep away from sources of ignition - No smoking. S2 Keep out of reach of children. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S7 Keep container tightly closed.
Poisons Schedule	Not Scheduled
AICS (Australia)	To the manufacturer's best knowledge, all components of this product are listed on AICS.

16. OTHER INFORMATION

Contact Person/Point	Technical Manager (07) 3390 5044
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