

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING**Product Name:** QTTWC1000 - QUARTET WHITEBOARD CLEANER 500ML**Synonyms:****CAS-No.:****Molecular Formula:**

Manufacturer: X-Packaging
ABN: 80 058 135 434
Street Address: 7/46 Triumph Avenue
Wangara WA 6065
Australia
Telephone: (08) 9302 2789
Facsimile: (08) 9302 2790

Emergency telephone number: (08) 9302 2789 (Business Hours)**Poisons Information Centre: 13 11 26****2. COMPOSITION / INFORMATION ON INGREDIENTS****Recommended use:** Whiteboard cleaner (fluid) 250ml, 500ml.**Appearance:** Clear, blue liquid with a slight solvent odour.

CHEMICAL ENTITY	CAS NO.	PROPORTION
Water	7732-18-5	VHIGH
2-Butoxyethanol	111-76-2	LOW
Isopropyl alcohol	67-63-0	LOW
Surfactant	64425-86-1	VLOW
		100%

PROPORTION (% weight per weight):
VHIGH>60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

3. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of Worksafe Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. Refer to State Regulations for storage and transport requirements.

Poisons Schedule (Aust) / Toxic Substance (NZ): N/A – Not Applicable

4. FIRST AID MEASURES

Ingestion / Digestion: Rinse mouth with water. Give Milk to drink. Do NOT induce vomiting. Seek medical assistance.

Eye Contact: Immediately irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin Contact: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Inhalation: Remove victim from exposure – avoid becoming a casualty. Seek medical advice if effects persist.

Notes to Physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific Hazards: Combustible Liquid

Fire Fighting Further Advices: Combustible liquid. On burning may emit toxic fumes. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

7. HANDLING & STORAGE

Storage: Store in a cool, dry place & out of direct sunlight. Store away from oxidising agents. Keep containers closed at all times – check regularly for leaks.

Classified as C2 (COMBUSTIBLE LIQUID) for the purpose of storage & handling, in accordance with the requirements of AS1940. Refer to State Regulations for storage & transport requirements.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Occupational Exposure Limits

No value assigned for this specific material by the National Occupational Health & Safety Commission (Worksafe Australia).

However, Exposure Standards for Constituents:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
2-Butoxyethanol	25	121	-	-	Sk
Isopropyl alcohol	400	983	500	1230	-

As published by the National Occupational Health & Safety Commission (Worksafe Australia).

TWA – is the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge these concentrations should neither impair the health of, nor cause discomfort to, nearly all workers.

STEL – (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal 8 hour working day.

‘Sk’ Notice – absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Measure: Ensure ventilation is adequate and that air concentrations of components are quoted below Exposure Standards. Use in well ventilated areas. Keep containers closed when not in use.

Personal Protection Equipment: Avoid eye & repeated or prolonged skin contact. Wear safety glasses & impervious gloves. Always wash hands before smoking, eating, drinking, or using the toilet.

9. PHYSICAL CONTACT

Form / Colour / Odour: Clear, blue liquid with a slight solvent odour.
Solubility: Soluble in water.

Specific Gravity (20 C)	: 1.0*	Meeting Point (C)	: N App
Rel Vapour Density (air = 1)	: N Av	Boiling Point (C)	: 100*
Vapour Pressure (20 C)	: N Av	Decomp. Point (C)	: N Av
Flash Point (C)	: N Av	Sublimation Point	: N App
Flammability Limits (%)	: N Av	pH	: N Av
Autoignition Temp (C)	: N Av	Viscosity	: N Av
% Volatile by Weight	: 100	Evaporation Rate	: N Av
Solubility	: Soluble	(n-Butyl acetate = 1)	

*For Water.

(Typical vales only – consult specification sheet)
 N AV = Not Available N App = Not Applicable

10. STABILITY & REACTIVITY

Stability: May react with oxidising agents.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet & the product label. Symptoms that may arise if the product is mishandled and over exposure occurs are:

Acute Effects

Ingestion: No adverse effects expected, however large amounts may cause nausea & vomiting.

Eye Contact: May be an eye irritant.

Skin Contact: Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis. A component (2-Butoxyethanol) can be absorbed through the skin with resultant toxic effects.

Inhalation: Inhalation of mists or aerosols may produce respiratory irritation.

Long Term Effects: No information available for the product.

Acute Toxicity / Chronic Toxicity No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Empty containers and soiled absorbent materials from cleaning may be disposed of with normal household garbage.

14. TRANSPORT INFORMATION

Road & Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road & Rail.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code).

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) for transport by Air.

15. REGULATORY INFORMATION

Based on available information, not classified as hazardous according to criteria of Worksafe Australia.

Poisons Schedule: N/A – Not Applicable.

16. OTHER INFORMATION

Literary Reference

This Material Safety Data Sheet has been prepared SHE Pacific Pty Ltd on behalf of Sheena Pty Ltd T/A X-Packaging.

Contact: X-Packaging

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