

Date of Issue: May 2006.

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Product Name: **Premium Window Cleaner**

Product Code: 7311

Statement of Hazardous Nature: Not Classified as hazardous according to criteria of Worksafe Australia

- IDENTIFICATION -

Other Names: None.

UN Number: None Allocated.

Dangerous Goods Class and Subsidiary Risk: None allocated.

Hazchem Code: None Allocated.

Poisons Schedule Number: None Allocated.

Uses: Window cleaner.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Clear blue liquid.

Boiling Point / Melting Point (°C): 100° C.

Vapour Pressure (pascals or mm of Hg at 25°C): Not available.

Specific Gravity: Not available.

Flashpoint (°C): None.

Flammability Limits: Not applicable.

Solubility in Water (g/L): Very soluble.

OTHER PROPERTIES

pH: 11.0 – 11.5 @ 100% aqueous solution.

Corrosiveness: None known.

Reactivity: Not applicable.

INGREDIENTS:

<u>USE / FAMILY</u>	<u>CHEMICAL ENTITY</u>	<u>CAS NUMBER</u>	<u>PROPORTION</u>
1. Glycol Ether	Ethylene glycol monobutyl ether	111-76-2	10 - < 30%
2. Solvent	Ethanol ifp 95%	64-17-5	< 10%
3. Alkali	Potassium Hydroxide	1310-58-3	< 10%
4. Surfactant	Biodegradable nonionic surfactant	Not required	< 10%
5. Fragrance	Eucalyptus Oil	8000-48-4	< 10%
6. Dye	Blue	2148-11-4	Trace
7. WATER	Potable water	7732-18-5	To 100%

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- HEALTH HAZARD INFORMATION -

HEALTH EFFECTS

Acute:

Swallowed: Ingestion of large amounts may result in burning pain in the mouth and throat.

Eye: A moderate eye irritant.

Skin: Unlikely to cause skin irritation following brief or occasional contact, however repeated or prolonged contact with the skin may result in mild skin irritation.

Inhaled: Not normally an inhalant risk, however continuous inhalation of vapours may produce respiratory irritation, may also result in headaches, dizziness and possible nausea.

Chronic: The components in the proportions present are not considered to represent a significant health hazard under conditions of good occupational work practice, however excessive ingestion may result in liver damage. Oral LD50 (rat): 7060 mg/kg. Estimated fatal dose (humans): 300 - 400 mls. of pure ethanol.

FIRST AID

Swallowed: Rinse mouth with water. Give plenty of water or milk to drink. If vomiting occurs give further water or milk to achieve effective dilution. Seek medical assistance or contact the Poisons Information Centre.

Eye: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical assistance.

Skin: Remove contaminated clothing and wash skin thoroughly with water. Seek medical advice if effects persist.

Inhaled: If effected move person away from area to fresh air. Seek medical assistance.

FIRST AID FACILITIES: Eye bath, safety shower and copious quantities of water.

ADVISE TO DOCTORS: Treat symptomatically.

- PRECAUTION FOR USE -

Exposure Standards: For Ethanol ifp 95% U.N.1170: TLV: 1000 ppm (TWA). 'Peak limitation'. As published by the National Occupational health & Safety Commission (Worksafe Australia). 1996.

Engineering Controls: Use with adequate ventilation.

Personal Protection: The components in the proportions present are not considered to represent a significant hazard. The wearing of impervious gloves is considered good occupational work practice. If however the nature of application requires full body protection then waterproof overalls, boots, hat and a full waterproof face shield should be worn. Always wash hands before eating, drinking or using the toilet.

Flammability: Non-combustible - contains less than 24% Ethanol w/w.

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- SAFE HANDLING INFORMATION -

Transport: Contains less than 24% Ethanol by volume and is not considered to be dangerous goods by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Storage: To be stored away from food stuffs at all times. Store in a well ventilated area. Keep containers sealed when not in use. Check regularly for any leaks.

Spillages: Clean up any spillages immediately. Avoid accidents as spillages are slippery. Full body protection should be worn. Waterproof overalls, boots, hat, full face shield or goggles and impervious gloves. Avoid skin and eye contact. Contain spill using sand or soil. Prevent run off into drains and waterways. Isolate any leaking containers and transfer contents into alternative, suitable, containers. On spillages use absorbent inert material such as sand, soil, sawdust, vermiculite, or man made inert material. Collect contaminated waste, place and seal in properly labelled, suitable containers. After clean up wash area down with large quantities of water.

NOTE: Suitable containers include polyethylene, polyvinyl chloride, stainless steel or polyethylene lined mild steel drums.

Disposal: For disposal of contaminated waste material contact the Environment Protection Authority.

Fire / Explosion Hazard: Not combustible unless the water of solution evaporates. Use alcohol foam, CO², dry powder or BFC fire extinguishers.

WARNINGS: Odour Threshold: 20-25 ppm (irritation and discomfort).

- OTHER INFORMATION -

Contact Point: Paul Behan.

Notes: Principal references:

1. ICI Australia Product Toxicity Report. April 1979.
2. ICI UK Toxicity Results (Brixham Laboratory). September 1991.
3. Occupational exposure to ammonia (DHEW (NIOSH) publication no.74-136).

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Manufactured for Kleen Magic.

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