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Rimon Australia Pty Ltd trading as A Plus Chemical & Fragrances A.C.N. 079 942 537

## MATERIAL SAFETY DATA SHEET

### SECTION 1. Identification of the Material and Supplier

**Product Name:** Clidex  
**Other Names:** Window and mirror cleaner  
**Recommended Use:** Window, mirror and chrome cleaner. Use product as supplied via a spray bottle applicator.  
**Supplier Name:** A Plus Chemicals and Fragrances  
**Telephone:** 9370 4829  
**Fax:** 9375 3350  
**Emergency Tel No:** 0410 302 200

### SECTION 2. Hazard Identification:

NOT HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA.

### SECTION 3. Composition/ Information on Ingredients:

Ingredient	CAS Number	Proportion
Water	7732-18-5	> 90%
Ethanol	64-17-5	< 10%
Glycol Ether	111-76-2	< 10%
Ammonia	7664-41-7	< 10%\
Dye	Proprietary	< 1%

## **SECTION 4. First Aid Measures:**

### **Swallowed:**

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness: i.e. becoming unconscious.

### **Eyes:**

- If this product comes in contact with eyes:
- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids
- Seek medical attention without delay; if pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by a skilled professional.

### **Skin:**

- If skin contact occurs:
- Immediately remove all contaminated clothing, including footwear
- Flush skin and hair with running water (and soap if available)
- Seek medical attention in event of irritation.

### **Inhalation:**

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

### **Note to Physician:**

- Treat symptomatically.

## **SECTION 5. Fire Fighting Measures:**

### **Extinguishing Media:**

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

### **Fire Fighting**

- Alert fire brigade and tell them the location and nature of the hazard.
- Wear breathing apparatus plus protective gloves in the event of a fire.
- Prevent, by any means possible, spillage from entering drains or water courses.
- Use firefighting measures suitable for the surrounding area.

### **Fire and Explosion Hazard**

- Non-combustible.
- Not considered to be a significant fire risk.
- Expansion or decomposition on heating may lead to violent rupture of containers.
- Decomposes on heating and may produce toxic fumes of carbon monoxide (CO), carbon dioxide (CO<sup>2</sup>) and nitrogen oxides (NO<sub>x</sub>).

### **Fire Incompatibility:**

- None known.

## **SECTION 6. Accidental Release Measures:**

### **Minor Spills**

- Clean up all spills immediately
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact with the substance by using protective equipment.
- Contain and absorb spills with sand, earth, inert materials or vermiculite.

### **Major Spills**

- Clear area of personnel.
- Alert fire brigade and tell them location and nature of hazard.
- Control personal contact with substance by using protective equipment as required.
- Prevent spillage from entering drains and waterways.

**Personal protective equipment advice is listed in section 8 of the MSDS.**

## **SECTION 7. Handling and Storage Continued:**

### **Handling**

- Limit all unnecessary personal contact.
- Wear protective clothing when a risk of exposure occurs.
- Use in a well-ventilated area.
- DO NOT eat, drink or smoke when handling

### **Suitable container**

- Polyethylene or polypropylene container.
- Packaging as recommended by the manufacturer.
- Check all containers are clearly labelled and free from leaks.

### **Storage Incompatibility**

- None known

### **Storage Requirements**

- Store in original containers
- Keep containers securely sealed
- Store in a cool, dry well-ventilated area.
- Store away from incompatible materials and foodstuff containers.

## **SECTION 8. Exposure Controls & Personal Protection:**

### **Exposure Standards:**

- There

### **Engineering Control Measures**

- Ensure adequate natural ventilation.

### **Biological Limits**

- No biological limit allocated.

### **Personal Protective Equipment:**

- Use splash proof goggles and P.V.C. gloves.

## **SECTION 9. Physical and Chemical Properties:**

**Appearance** – Light blue liquid

**Odour** – Slightly ammoniacal

**Melting Point (°C):** Not available

**Flammability Limits (%)** – Not Flammable

**Flash Point:** Not Applicable

**Evaporation Rate:** Not available

**Volatiles:** 90%

**Decomposition Point:** Not Available

**Water Solubility** - Soluble

**Specific Gravity** – 0.95 – 0.98

**pH** – 8.0 – 8.5

**Vapour Pressure:** Not Available

**Vapour Density:** Not Available

**Boiling Point (°C):** 100°C (approx.)

**W.E.L.:** Not relevant

**L.E.L.:** Not relevant

## **SECTION 10. Stability and Reactivity:**

- **Product is considered stable and hazardous**
- **Polymerisation will not occur**
- **No known incompatibilities**

## **SECTION 11. Toxicological Information:**

### **Health Hazard:**

- Low irritant – low toxicity. No adverse health effects are anticipated with normal use of this product. Use safe work practices to avoid eye/skin contact and vapour generation/inhalation.

### **Eye:**

- Irritant. Contact may result in irritation, lacrimation, pain and redness.

### **Inhaled:**

- Low to moderate irritant – over exposure to mists or vapours may result in mucous membrane irritation of the nose and throat with coughing. At high levels nausea, dizziness and headache. Low product vapour pressure considerably reduces the potential for an inhalation hazard.
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## SECTION 11. Toxicological Information (Continued):

### Skin:

- Low irritant. Prolonged or repeated contact may result in mild irritation.

### Ingestion:

- Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.

### Toxicity Data:

Ethylene Glycol Monobutyl Ether (111-76-2)

LC50 (inhalation): 700ppm (mouse)

LD50 (ingestion): 300mg/kg (rabbit)

LD50 (skin): 230mg/kg (guinea pig)

TCLo (inhalation): 100ppm (human)

TDLo (ingestion): 8813µL/kg (woman)

## SECTION 12. Ecological Information:

### Environment:

- Atmosphere: Vapour phase glycols are expected to degrade fairly rapidly by reaction with hydroxyl radicals (e.g. half-life 32 hours for propylene glycol). Removal from air by rainfall is possible.
- Water: Should degrade fairly rapidly via biodegradation.
- Soil: If released to soil, relatively rapid biodegradation should also occur. Leeching to ground water may also occur.

## SECTION 13. Disposal Considerations:

**Waste disposal:** No special precautions are required for the disposal of this product. However, e-use where possible or return to manufacturer. If bulk quantities are required to be disposed of, contact the manufacturer for additional information.

## SECTION 14. Transport Information:

Not classified as a dangerous good by the criteria of the ADG code

Shipping name: None Allocated

UN Number: Not Allocated

Dangerous Goods Class: Not Allocated

Subsidiary Risk: None Allocated

## **SECTION 14. Transport Information (continued):**

Packing Group: Not Allocated  
Hazchem: Not Allocated  
EPG: Not Allocated

## **SECTION 15. Regulatory Information:**

Poisonous schedule: A Poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of drugs and Poisons (SUSDP).

AICS: All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

## **SECTION 16. Other Information:**

Abbreviations:

CAS No Chemical Abstracts Service Number

pH Relates to hydrogen ion concentration using a scale of 0 (highly acidic) to 14 (highly alkaline).

NOTE: The information contained in this bulletin is offered on data that we believe to be reliable and has been prepared in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control.

Poisons Information Centre all states: 131 126

**KEEP ALL CHEMICALS AWAY FROM CHILDREN**

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