

# Material Safety Data Sheet

Product Name:

**ELCO Remove-it**

Issue Date:

**1<sup>st</sup> May 2006**

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Classified as hazardous according to the criteria of Worksafe Australia

## 1. COMPANY DETAILS

*Company:* ELCO International Pty Ltd  
*Address:* 1 / 17 Stennett Road  
INGLEBURN NSW 2565  
Australia  
*Telephone:* +61 2 9605 3000  
*Facsimile:* +61 2 9605 3222  
*Emergency telephone:* **0412 383 240 or 0412 609 351**

## 2. IDENTIFICATION

*Product name:* Remove-it  
*Product code:* ELREM000500 & ELREM010000  
*Product use:* Removes Paint, Felt Pen, Gum, Grease & Crayon from most surfaces  
*UN number:* None allocated  
*DG class:* None allocated  
  
*Packing group:* None allocated  
  
*Hazchem code:* None allocated

## 2a. Ingredients

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion</u>
Terpene	proprietary	MED
n-methyl pyrrolidone	[872-50-4]	HIGH
Glycol	111-76-2	MED
Surfactants	proprietary	LOW

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).

## 2b. Physical Data

*Appearance:* slight yellow liquid

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<i>Odour:</i>	Characteristic aromatic.
<i>Boiling point:</i>	>100°C
<i>Vapour pressure:</i>	< N/A
<i>Vapour density (Air=1):</i>	>1
<i>Solubility in water:</i>	partially soluble
<i>Specific gravity:</i>	0.95
<i>Flash point:</i>	to be announced
<i>Flammability limits:</i>	to be announced

## 3. HEALTH HAZARD DATA

### 3a. Health Effects

<i>Acute- ingestion:</i>	Ingestion can result in nausea, vomiting and diarrhoea.
<i>Acute- eye:</i>	Liquids and vapours may irritate the eyes.
<i>Acute-skin:</i>	A brief exposure generally causes no damage. Prolonged or repeated skin contact causes irritation and may lead to dermatitis.
<i>Acute- inhalation:</i>	Vapours, aerosols and mists are irritants to the respiratory tract. Inhalation of high concentrations can cause central nervous system depression with effects such as loss of co-ordination, impaired judgment, headache, and, if exposure is prolonged, unconsciousness.
<i>Chronic:</i>	Prolonged or repeated skin contact may lead to defatting and dermatitis. May cause respiratory irritation, liver or kidney damage. Permanent CNS and blood changes can occur due to high solvent exposure over time. Respiratory allergies and diseases of the skin, nose, throat, lungs, liver, kidney and blood may be aggravated by chronic exposure to the product or its vapours.

### 3b. First Aid

<i>Eye:</i>	Irrigate immediately with water for at least 15 minutes, occasionally lifting eyelids. Seek medical attention.
<i>Skin:</i>	Promptly wash the contaminated skin with soap and water. Remove any contaminated clothing. Do not re-use until it has been laundered. If irritation should develop, get medical attention.
<i>Ingestion:</i>	Give water. Do NOT induce vomiting. Do NOT give anything by mouth to an unconscious person. Seek medical attention without delay. Should vomiting occur, place patient's head downwards, head lower than the hips, to prevent vomit entering the lungs. This is especially important as aspiration of this material into the lungs can cause Chemical Pneumonitis which can be fatal. Transport to a doctor or hospital.

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*Inhalation:* Remove victim from exposure and keep warm. Remove any contaminated clothing and loosen remaining clothing. If not breathing administer artificial respiration. If breathing is difficult, have qualified person administer oxygen. Seek medical attention.

*First aid facilities:* Eye wash facilities, soap and water.

## 3c. Advice to Doctor

*Advice to doctor:* Treat symptomatically.

## 4. PRECAUTIONS FOR USE

### 4a. Exposure Standards

*Exposure guidelines:* None established by the National Occupational Health and Safety Commission for this specific product.

Glycol TWA: 25 ppm 121 mg/m<sup>3</sup>:

*Engineering controls:* Ensure ventilation is adequate to maintain good air circulation. Keep containers closed when not in use. Local exhaust preferable. Vapour is heavier than air and may collect in hollows, pits and sumps.

### 4b. Personal Protection

*Respiratory protection:* If the exposure limit is exceeded and engineering controls are not feasible causing high concentrations of vapour (e.g. at elevated temperatures, confined spaces or in the case of fire) then use an NIOSH-approved respirator for organic vapours or approved self-contained breathing apparatus.

*Skin protection:* Wear clean, long-sleeved, body covering clothing and impervious overshoes. Use neoprene or rubber gloves. Avoid skin contact.

*Eye protection:* Use safety glasses with side splash shields or goggles or full-face shield.

*Hygiene:* Always wash hands before eating, drinking, smoking or using the toilet.

### 4c. Flammability

*Fire hazards:* to be announced

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## 5. SAFE HANDLING INFORMATION

### 5a. Storage and Transport Information - UN No. 1263

*Storage:* Protect containers from physical damage. Store away from heat and sunlight. Avoid excessive heat, ignition sources and contamination with dirt and other foreign materials. Avoid contamination or inappropriate mixing with strong oxidising agents, peroxides, strongly caustic materials and metal corrosion products, including rust. Store away from foodstuffs. Keep containers closed at all times.

*Transport:*

*UN number:*

*DG class*

*Pack group:*

*Hazchem code:*

*Poisons schedule:*

*Shipping name:*

### 5b. Environmental and Disposal Information

*Spills and leaks:* Spills should be contained to prevent contamination of drainage systems or waterways. Collect with absorbent material such as earth, sawdust or vermiculite. Place into suitable containers for disposal. Advise emergency authorities if contamination of sewers or waterways occurs. Avoid eye or skin contact, or oral ingestion.

*Disposal method:* Landfill or incinerate in accordance with all State and/or Local Government regulations.

### 5c. Fire and Explosion Data

*Fire & explosion hazard:* **Combustible liquid.** Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile fragments which are flammable, irritating or toxic.

Evacuate non-emergency personnel. Fight fires from upwind and cool intact containers with water spray or stream at maximum range.

*Extinguishing media:* Water fog, carbon dioxide, dry chemical, sand.

*Fire fighting equipment:* Under fire conditions, product generates irritating and hazardous vapours and toxic fumes. Fire fighters should wear self-contained breathing apparatus in addition to the protective clothing usually worn.

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## **Hazardous reactions:**

*Stability:*

[Conditions to avoid]

Product is stable. Avoid excessive heat, sparks, flames, build up of static electricity.

[Specific materials to avoid]

Avoid exposure to strong alkalis, mineral acids and strong oxidisers.

*Hazardous decomposition*

*Products:*

Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile fragments which are flammable, irritating or toxic.

*Hazardous polymerisation:*

Cannot occur.

## **6. ADDITIONAL INFORMATION**

*Toxicology:*

No adverse health effects are expected if the product is handled in accordance with this Material Safety Data Sheet.

*Environmental protection:*

Avoid contaminating waterways

*Packaging and labelling information:*

HAZARD CATEGORY: Irritant (Xn).

RISK PHRASES:

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

R36: Irritating to eyes

R38: Irritating to skin

SAFETY PHRASES:

S16: Keep away from sources of ignition – no smoking

S43: In case of fire, use sand, earth, chemical powder or foam

S24/25: Avoid contact with skin and eyes

S62: If swallowed, do not induce vomiting, seek medical advice.

## **7. CONTACT POINT**

ELCO International Pty Ltd,

1/17 Stennett Road,

INGLEBURN NSW 2565

Australia

Tel: (02) 9605 3000.

**Emergency (24 hr): 0412 383 240 or 0412 609 351**

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