



# MATERIAL SAFETY DATA SHEET

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## SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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### Product Name: RECOSOL TEG (TRIETHYLENE GLYCOL)

Company: Recochem Inc. ABN: 69 010 485 999  
Address : 1809 Lytton Road, Lytton, Queensland 4178  
Phone: (07) 3308 5200 Fax: (07) 3308 5201  
Emergency Telephone Number: (07) 3308 5200 Day, After Hours 1300 131 001

Other Names: Triethylene glycol  
Manufacturer's Product Code: 16630  
Recommended Use: Solvent and Plasticiser

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## SECTION 2 HAZARDS IDENTIFICATION

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**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA  
NOT A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

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## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

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### Hazardous Ingredients

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Triethylene glycol	112-27-6	>99

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## SECTION 4 FIRST AID MEASURES

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### FIRST AID TREATMENT

**Swallowed:** If swallowed rinse mouth with water and give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes. In all cases of eye contamination it is sensible to seek medical advice.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If irritation occurs seek immediate medical assistance.

**Inhaled:** Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing

**First Aid facilities:** Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

**Advice to Doctor:** Treat symptomatically.

**Additional Information:** None available.

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## SECTION 5 FIRE FIGHTING MEASURES

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**Specific Hazards:** Combustible liquid.

**Hazards from combustion products:** Carbon monoxide and/or Carbon dioxide may be evolved.

**Fire Fighting Media and Instructions:** Combustible liquid. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Use water fog or spray, foam, dry agent

Additional Information: None

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## SECTION 6 ACCIDENTAL RELEASE MEASURES

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Observe all local and national regulations

**Product: RECOSOL TEG (TRIETHYLENE GLYCOL)**

**Spills and Disposal:** Slippery when spilt. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work upwind or increase ventilation. Contain and prevent runoff into waterways and drains. Absorb with dry earth, sand or other non-combustible and inert material. Collect and seal improperly labelled containers or drums for disposal. Wash down area with excess water.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for Safe Handling and Storage:** Avoid contact with skin and eyes. Store in a cool, dry, well ventilated place out of direct sunlight. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near strong oxidants.

**Flammability:** Combustible C2

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**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure Standards:** No value assigned for this specific material by the National Occupational Health & Safety Commission (NOHSC).

**Biological Limit Values:** No biological limit allocated

**Personal Protective Equipment:**

**Respiratory Protection:** Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

**Hand Protection:** Use solvent resistant gloves. Nitrile, PVC or neoprene.

**Eye Protection:** Wear safety Goggles.

**Protective Clothing:** Use chemical resistant glove/gauntlets, boots and apron. Skin protection not ordinarily required beyond standard issue work clothes.

**Engineering Controls:** Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

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**SECTION 9 IDENTIFICATION**

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**PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES**

Appearance	Colourless to pale yellow clear liquid
Odour	Mild, sweet
pH:	N/A
Vapour Pressure (mmHg @ 20°C):	Not available
Vapour Density (air = 1)	Not available
Boiling Point (°C):	285
Freezing/Melting Point (°C):	-7.3
Solubility in Water	Miscible with water
Specific Gravity (g/ml @ 25°C):	1.12
Flashpoint (°C):	227 (Closed cup)
Flammability Limits (%):	0.9 – 9.2
Auto Ignition Temperature (°C):	360
Percent Volatiles	0

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**SECTION 10 STABILITY AND REACTIVITY**

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**Chemical Stability:** Stable under normal conditions of use.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:** Burning can produce carbon monoxide and/or carbon dioxide.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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**HEALTH EFFECTS**

*Acute:*

No adverse health effects are expected if the product is handled correctly. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Swallowed:** Swallowing may result in nausea, vomiting and abdominal pain.

**Eye:** May be an irritant.

**Skin:** Contact with skin may result in irritation.

**Product: RECOSOL TEG (TRIETHYLENE GLYCOL)**

**Inhaled:** Breathing in vapour, mists or aerosols may produce respiratory irritation.

**Chronic:** No information available for this product.

**Toxicological Data**

Dermal (rabbit): Mild irritant.

Eyes (rabbit) : Mild irritant

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**SECTION 12 ECOLOGICAL INFORMATION**

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Avoid contaminating waterways

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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**Disposal Methods:** Ensure waste disposal conforms to local waste disposal regulations.

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**SECTION 14 TRANSPORT INFORMATION**

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UN Number:	None	Proper Shipping Name:	N/A
Class:	N/A	Subsidiary Risk:	N/A
Packing Group:	N/A	Hazchem Code:	N/A
Special Precautions for User:	None		

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**SECTION 15 REGULATORY INFORMATION**

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Poisons Schedule : None scheduled

AICS : Listed

Dangerous Goods Initial Emergency Response Guide (SAA HB76:2004) : N/A

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**SECTION 16 OTHER INFORMATION**

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Further Information may be obtained by contacting Recochem on (07) 3308 5200

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The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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