



# MATERIAL SAFETY DATA SHEET

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## SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name: ETHYL 3-ETHOXYPROPIONATE (EEP)**

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: Ester EEP  
Manufacturer's Product Code: 16628  
Recommended Use: No Data

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## SECTION 2 HAZARDS IDENTIFICATION

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**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA  
A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

**Symbols:** None  
**Risk Phrases:** R10 - Flammable  
**Safety Phrases:** S2 - Keep out of the reach of children  
S16 - Keep away from sources of ignition – No smoking  
S25 - Avoid contact with eyes

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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>
Ethyl 3-ethoxypropionate	763-69-9	> 99

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## SECTION 4 FIRST AID MEASURES

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### FIRST AID TREATMENT

**Swallowed:** If swallowed, do NOT induce vomiting. Wash mouth with water and give a glass of water to drink.  
**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek immediate medical assistance.  
**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. Seek immediate medical assistance if irritation occurs.  
**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:** Flammable liquid.

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

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

**Additional Information:** Hazchem code ●3Y.

**Product: ETHYL 3-ETHOXYPROPIONATE (EEP)**

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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Observe all local and national regulations.

**Spills and Disposal:** Shut off all sources of ignition. Increase ventilation. Clear area of all unprotected personnel. Stop leak if safe to do so. 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 breathing of or contact with material. Use in well ventilated areas. Wash thoroughly after handling. Avoid contact with skin and eyes and clothing. Handle open containers in well ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains. 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, copper and natural rubber.

**Flammability:** Combustible.

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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) (Worksafe Australia). There is a blanket limit of 10mg/m<sup>3</sup> for dusts and mists when limits have not otherwise been established.

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

**Personal Protective Equipment:**

**Respiratory Protection:** If inhalation risk exists an approved organic vapour respirator (AS/NZS 1715 and 1716) should be worn.

**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	Liquid
Odour	Pungent
pH:	N/A
Vapour Pressure (kPa @ 20°C):	No data
Vapour Density (air = 1)	5
Boiling Point (°C):	170
Freezing/Melting Point (°C):	Not available
Solubility in Water @ 20°C	1.6%
Specific Gravity (g/ml @ 20°C):	0.951
Flashpoint (°C):	59 (Closed cup)
Flammability Limits (%):	Not available
Auto Ignition Temperature (°C):	Not available

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**SECTION 10 STABILITY AND REACTIVITY**

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

**Conditions to Avoid:** Avoid heat, sparks, open flames and other ignition sources.

**Incompatible Materials:** Strong oxidising agents, strong acids and bases.

**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:*

**Product: ETHYL 3-ETHOXYPROPIONATE (EEP)**

**Swallowed:** No adverse effects are expected from swallowing small amounts incidental to normal handling operations.

**Eye:** May be mildly irritating to eyes.

**Skin:** Contact with skin is not likely to cause irritation.

**Inhaled:** Breathing in vapour is unlikely to cause discomfort – if vapours or mists have been inhaled and irritation has developed remove to fresh air and observe until recovered. If irritation persists seek medical advice.

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**SECTION 12 ECOLOGICAL INFORMATION**

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**Ecotoxicity:** No data.

**Mobility:** Avoid contaminating waterways.

**Persistence/degradability:** No data.

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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:	3272	Proper Shipping Name:	ESTERS N.O.S (ETHYL 3 ETHOXYPROPIONATE)
Class:	3	Subsidiary Risk:	N/A
Packing Group:	III	Hazchem Code:	●3Y
Special Precautions for User:	None		

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**SECTION 15 REGULATORY INFORMATION**

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Poisons Schedule : N/A

AICS : Listed

Dangerous Goods Initial Emergency Response Guide (SAA HB76:2004) : 14

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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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