



# SAFETY DATA SHEET

## SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

<b>Product Identifier</b>	<b>RECOESTER</b>
<b>Other Names</b>	Fatty Acid Methyl Ester Mixture
<b>Manufacturer's Product Code</b>	16040
<b>Recommended Use</b>	Substitute for many hydrocarbon solvents

### Details of Supplier/Manufacturer

Company:	Recochem Inc. ABN: 69 010 485 999
Address:	1809 Lytton Road, Lytton, Queensland 4178
Phone:	(07) 3308 5200 Fax: (07) 3308 5201
Website:	www.recochem.com.au

### Emergency Telephone Numbers

Business Hours:	(07) 3308 5200
After Hours:	1300 131 001
Poisons Information:	Australia: 13 11 26 New Zealand: 0800 764 766

## SECTION 2 HAZARDS IDENTIFICATION

<b>Non-hazardous chemical</b>	<i>according to classification by Safe Work Australia</i>
<b>Non-dangerous goods</b>	<i>according to the Australian Code for the Transport of Dangerous Goods by Road and Rail</i>

### Precautionary statements:

GENERAL	
P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use

## SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

### Ingredients Names and Proportions

Chemical Entity	CAS Number	Proportion (%)
Mixture of fatty acid methyl esters	67784-80-9	> 99

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**SECTION 4 FIRST AID MEASURES**

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**Description of necessary first aid measures**

Inhalation:	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment
Skin Contact:	If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available.
Eye Contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes. If persistent irritation occurs, seek medical attention
Ingestion:	If swallowed, do NOT induce vomiting. Wash out mouth with water

**Symptoms caused by exposure**

Inhalation:	May cause mild irritation to respiratory system
Skin:	May cause mild irritation – redness, itchiness
Eye:	May cause mild irritation - redness, burning
Ingestion:	May cause mild irritation of the gastrointestinal tract

**Medical attention and special treatment**

Treat symptomatically.

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**SECTION 5 FIRE FIGHTING MEASURES**

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**Suitable extinguishing equipment**

Foam, water spray or fog, dry chemical powder. Do not use water in a jet.

**Specific hazards arising from the chemical**

Likely to give rise to complex mixtures on combustion, including oxides of carbon.

**Special protective equipment and precautions for fire fighters**

Combustible material. Wear full protective clothing and self-contained breathing apparatus.

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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**Personal precautions, protective equipment and emergency procedures**

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area.

**Environmental precautions**

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterways using sand, earth or other appropriate barriers.

**Methods and materials for containment and cleaning up**

For spills, transfer by appropriate means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. Do not flush residues with water. Dispose of safely in accordance with regional regulations.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for safe handling**

Combustible liquid. Avoid prolonged or repeated contact with material. Handle open containers in a well ventilated area. Do not empty into drains. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

**Conditions for safe storage, including any incompatibilities**

Do not store near strong oxidants.

**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Exposure control measures**

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -  
 No exposure standard documented, however the following may be adopted –  
 Oil mists: 5mg/m<sup>3</sup> TWA (8hr), 10mg/m<sup>3</sup> STEL

**Biological monitoring**

No biological limit allocated.

**Engineering controls**

Ensure that adequate ventilation is provided. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

**Individual protection measures**

Eye and face protection:	Wear safety goggles.
Skin protection:	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.
Respiratory protection:	If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
Thermal hazards:	Not applicable.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Amber liquid
Odour:	Mild, vegetable oil
Odour threshold (ppm):	Data not available
pH:	Data not available
Melting point/freezing point (°C):	< -30
Initial boiling point and boiling range (°C):	> 280
Flash point (°C):	> 120 (CC)
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	Combustible
Upper/lower flammability or explosive limits (%):	Data not available
Vapour pressure (mmHg @ 20°C):	< 5
Vapour density (air = 1):	> 1
Density (g/ml @ 15°C):	0.875 – 0.900
Solubility:	Negligible
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	Data not available
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm <sup>2</sup> /s @ 20°C):	Data not available

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**SECTION 10 STABILITY AND REACTIVITY**

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**Reactivity**

Stable under normal conditions of use.

**Chemical stability**

Stable under normal conditions of use.

**Possibility of hazardous reactions**

Stable under normal conditions of use.

**Conditions to avoid**

Avoid extremes of temperature.

**Incompatible materials**

Strong oxidising agents.

**Hazardous decomposition products**

Combustion could produce fumes containing carbon monoxide and carbon dioxide.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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Acute toxicity:	Expected to be of low toxicity
Skin corrosion/irritation:	May be slightly irritating. Prolonged and/or repeated contact can result in defatting of skin which can lead to irritation and possibly dermatitis
Serious eye damage/irritation:	May be slightly irritating
Respiratory or skin sensitisation:	Not expected to be a sensitiser
Germ cell mutagenicity:	No evidence of mutagenic activity
Carcinogenicity:	Not carcinogenic in animal studies
Reproductive toxicity:	Not expected to impair fertility
Specific Target Organ Toxicity (STOT) – single exposure:	Inhalation of vapours or mists may cause slight irritation to the respiratory system
Specific Target Organ Toxicity (STOT) – repeated exposure:	Data not available
Aspiration hazard:	Not considered an aspiration hazard.

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**SECTION 12 ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Acute toxicity:

No acute toxicity to aquatic organisms is expected at the maximum water solubility of this material

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Chronic toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available

**Product: RECOESTER**

Algae –	Data not available
Microorganisms –	Data not available

**Persistence and degradability**

Expected to be readily biodegradable.

**Bioaccumulative potential**

Data not available.

**Mobility in soil**

Floats on water. If enters soil, will adsorb to soil and will not be mobile.

**Other adverse effects**

Data not available.

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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Ensure waste disposal conforms to local waste disposal regulations.

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**SECTION 14 TRANSPORT INFORMATION**

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<b>UN number:</b>	Not applicable
<b>Proper shipping name:</b>	Not applicable
<b>Australian Dangerous Goods class:</b>	Not applicable
<b>Australian Dangerous Goods packing group:</b>	Not applicable
<b>Hazchem code:</b>	Not applicable

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**SECTION 15 REGULATORY INFORMATION**

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Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	Not scheduled
Australian Inventory of Chemical Substances (AICS):	Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	Not applicable

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**SECTION 16 OTHER INFORMATION**

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Date of preparation:	30/09/2015
Revision number:	4
Changes in this revision:	Update to GHS SDS standard

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This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Recochem cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Recochem on (07) 3308 5200.

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