

# **MATERIAL SAFETY DATA SHEET**

## **Bio Tech 100%**

### 1.) **PRODUCT – COMPANY IDENTIFICATION**

**Product Name:** Bio Diesel

**Supplier:** Bio Tech Oils UK Ltd.  
Unit E  
Tafarnaubach industrial Estate  
Tredegar  
Gwent  
NP22 3AA  
Tel: (01495) 717717  
Fax: (01495) 711990  
E-mail: enquiries@biotech oils.com

### 2.) **COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredient Name:** Fatty Acid Methyl Esters predominately Alkyl C14-C24,

**NB:** In winter an anti-waxing additive maybe added as appropriate

**CAS No:** 67784-80-9

**EC No:** N/A

### 3.) **HAZARDS IDENTIFICATION**

**Hazard:** None identified.

### 4.) **FIRST AID MEASURES**

**Inhalation:** Remove from area of exposure to fresh air. Seek medical assistance if symptoms persist.

**Skin Contact:** Wash exposed areas of body with soap & water

**Eye Contact:** Irrigate with water for at least 15 to 20 minutes, seek medical attention if sensations persist.

**Ingestion:** Give 1 or 2 glasses of water to drink, seek medical attention.

### 5.) **FIRE FIGHTING**

**Extinguishing media:** Use water spray, dry chemical, foam or carbon dioxide

**Fire fighting procedures:** Treat as oil fire

**Explosion Hazard:** Oil soaked rags can cause spontaneous combustion and should be stored in an approved covered container

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide

## 6.) ACCIDENTAL RELEASE MEASURES

**Accidental release:** Avoid uncontrolled releases, contain spilled material & transfer to secure containers, use absorbent medium if necessary and dispose of according to local & national regulations.

## 7.) HANDLING AND STORAGE

**Usage Precautions:** Avoid naked lights.  
**Storage Precautions:** Keep away from oxidising agents, excessive heat and ignition sources.

## 8.) EXPOSURE CONTROL – PERSONAL PROTECTION

**Respiratory Protection:** None required  
**Ventilation:** Mechanised  
**Protective Gloves:** Rubber  
**Eye Protection:** Safety glasses/ splash goggles  
**Other Protective Clothing/ Equipment:** None required  
**Work/hygiene practices:** Practise good personal hygiene, washing exposed areas of skin several times daily.

## 9.) PHYSICAL CHEMICAL PROPERTIES

**Appearance:** Clear Liquid.  
**Colour:** Light to dark yellow  
**Odour:** Oleaginous  
**Solubility in water:** Insoluble  
**Boiling Point °C:** > 200°C  
**Melting Point °C:** < 0°  
**Specific Gravity:** 0.83 – 0.9 @ 20°C  
**Flash Point °C:** > 100°C

## 10.) STABILITY – REACTIVITY

**Stability:** Stable.  
**Conditions to avoid:** None known.  
**Materials to avoid:** Contact with strong oxidising agents  
**Hazardous decomposition products:** Carbon monoxide & carbon dioxide  
**Hazardous Polymerisation:** Will not occur.

**11.) TOXICOLOGICAL INFORMATION**

<b>Toxic dose LD50:</b>	Non toxic
<b>Inhalation:</b>	No known problems.
<b>Skin contact:</b>	No known problems
<b>Eye contact:</b>	Not classified as an eye irritant.

**12.) ECOLOGICAL INFORMATION**

<b>Degradability:</b>	This product is biodegradable.
<b>Acute fish toxicity:</b>	Not applicable
<b>Water Hazard Classification:</b>	None

**13.) DISPOSAL**

<b>Disposal:</b>	Dispose of according to local or national regulations.
------------------	--

**14.) TRANSPORT INFORMATION**

<b>UN Hazard Class:</b>	N/A
<b>Proper Shipping Name:</b>	NMFC (National Motor Freight Classification) Fatty acid esters

**15.) REGULATORY INFORMATION**

No information available.

**16.) OTHER INFORMATION**

No information available.