



# Materials Safety Data Sheet<sup>1</sup>

## SECTION I                      IDENTITY

**Product Trade Name:** World Energy B100 (aka Envirodiesel B100)

**Effective Date:** 12/28/02

**CHEMICAL IDENTITY**              **Methyl Esters**                      **CAS Number 67762-38-3**

## SECTION II                                      PHYSICAL DATA

<u>Boiling Point</u>	@760 mm Hg    Over 400° F	<u>Specific Gravity</u>	(H2O = 1.0)
		@25/25 C	0.86
<u>Vapor Pressure</u>	72° F    Less than 1 mm Hg	<u>Percent Volatile by Volume (%)</u>	Not known
<u>Vapor Density</u>	Not Known	<u>Evaporation Rate</u>	Not known
<u>Solubility in Water</u>	72° F    Negligible		

## SECTION III                                      FLAMMABILITY & EXPLOSIVENESS DATA

<u>Flash Point (Method)</u>	>300° F (PMCC)	<u>Explosive Limits</u>	(Lower)	(Upper)
			N/A	N/A
<u>Extinguishing Media</u>	Use CO 2 or dry chemical for small fires. Use foam for large fires.			
<u>Special Fire Fighting procedures</u>	Wear self-contained breathing apparatus and protective clothing			
<u>Unusual Fire and Explosive Hazards</u>	Oily rags and other combustibles will start fires due to spontaneous combustion. Store oily rags and other combustibles only in approved containers.			

## SECTION IV                                      HEALTH & SAFETY DATA

Threshold Limit Value    Not established

Effects of Overexposure

EYE - Accidental exposure to the eyes may produce a mild but transient irritation.

SKIN - Very mild to no irritation expected.

INHALATION - No harmful effects expected with normal use.

INGESTION - May cause gastrointestinal irritation.

Emergency and First Aid Procedures

EYE - Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

SKIN - Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.

INHALATION - Remove to fresh air

INGESTION - If swallowed, do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

## SECTION V                                      REACTIVITY DATA                                      SE 1885

Stability	Unstable	Stable	X
Incompatibility (Materials to Avoid):	Reacts with strong base to produce methanol.		
Hazardous Decomposition Products:	Does not decompose up to 350° F		
Hazardous Polymerization	May occur.	Will not occur	X

**SECTION VI SPILL OR LEAK PROCEDURES**

**Steps to be taken in case material is released or spilled.**

**Neutralization not required. Soak up with absorbent material such as paper, rags, or sawdust. Dispose as any grease or oily material.**

**Waste Disposal Method**

**Dispose of according to Federal, State, and/or local requirements.**

**SECTION VII PROTECTION INFORMATION**

Respiratory Protection A NIOSH/MSHA approved respirator should be used if a mist or vapor is generated.

Ventilation Local Exhaust  
Mechanical (General) Acceptable  
Special  
Other

Eye Protection Goggles Protective Gloves - Nitrile

Other Protective Equipment None required.

**SECTION VIII PRECAUTIONS**

**HANDLING AND STORAGE** Can be stored in most common storage vessels including carbon steel, aluminum, fiberglass and stainless steel.

**LABELING** None required.

Data Supplied is for use only in connection with occupational safety and health.

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