



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

**Manufacturer:** World Energy Alternatives, LLC  
**Address:** 90 Everett Avenue, Chelsea, MA 02150  
**Emergency Telephone number:** 781-254-6775

## SECTION I                      IDENTITY

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

**Effective Date:** 5/28/05

**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.

