

## MATERIAL SAFETY DATA SHEET

### SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

**Product identifier:** ACES II

**Synonyms:** ACES II

**Product use:** diesel oil and kerosene oil additive

**Supplier name and address:**

*American Clean Energy Systems, Inc.*

PO Box 175

Volant, PA, USA

16156

Phone: 724-533-9948

**Manufacturer's name and address:**

*American Clean Energy Systems, Inc.*

8679 Freeway Drive

Macedonia, OH, USA

44056-1535

**24 Hour Emergency Telephone #:** Infotrac (800) 535-5053

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
			<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Aliphatic Solvent		10 - 80	N/Av	N/Av	N/Av	N/Av
Proprietary Detergent		8-10	N/Av	N/Av	N/Av	N/Av
Proprietary Catalysts		5 - 22	N/Av	N/Av	N/Av	N/Av

### SECTION 3 — HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Pourable liquid, with tan or yellow colour. Mild ethereal odour.

Warning! Flammable liquid and vapour. Harmful or fatal if swallowed. Can enter lungs and cause damage.

Harmful if inhaled. Can cause headache, nausea and other central nervous system effects. May cause skin irritation.

#### \*\*\*POTENTIAL HEALTH EFFECTS\*\*\*

**Target organs:** Eyes, skin, respiratory system, digestive system, central nervous system

**Routes of exposure:** Skin contact, eye contact, inhalation, ingestion, absorption.

**Signs and symptoms of short-term (acute) exposure:**

<i>Inhalation:</i>	The chief industrial hazard is by inhalation. High concentrations of vapors can produce mild irritation of the respiratory tract and early symptoms of intoxication – progressively, headache, nausea, and vomiting – which clear promptly when exposure is reduced by improved ventilation. The permissible exposure limit to which, it is believed, nearly all workers may be exposed during an 8-hour workday without adverse effect is listed
<i>Skin contact:</i>	Skin contact may cause moderate irritation. This product can be absorbed through the skin. Absorption may result in symptoms of CNS depression.
<i>Eye contact:</i>	Direct eye contact may cause mild irritation.
<i>Ingestion:</i>	Swallowing may cause irritation of the mouth, throat and stomach. Symptoms may include headache, nausea, dizziness, drowsiness and other symptoms of CNS depression. This product may present an aspiration hazard. Aspiration into the lungs following inhalation or ingestion may cause life-threatening lung injury.

**Chronic effects:** Repeated or prolonged exposure may result in drying, cracking and defatting of the skin (dermatitis).

**Conditions aggravated by exposure:** Pre-existing skin, eye, respiratory and central nervous system disorders.

**Carcinogenic status:** See TOXICOLOGICAL INFORMATION, Section 11.

**Additional health hazards:** Possible development hazard. See TOXICOLOGICAL INFORMATION, Section 11.

**Potential environmental effects:** See ECOLOGICAL INFORMATION, Section 12.

