

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U. S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
For Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**ACES II**

**SECTION I**

Manufacturer's Name <b>American Clean Energy Systems, Inc.</b>	Emergency Telephone Number <b>708-372-6924</b>
Address (Number, Street, City, State, and ZIP Code) <b>494 Lilac Hill Lane</b>	Telephone Number for Information <b>866-533-9922</b>
P.O. Box 175	Date Prepared <b>July 31, 2000</b>
Volant, PA 16156	Signature of Preparer (Optional)

**SECTION II – Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Name(s))
<b>D.O.T. 155070</b>
<b>Synthesized Aliphatic Hydrocarbon – Paraffin Wax Mixture Oil Detergent – N.O.S.</b>
<b>Product contains no copper, no chlorine, no chlorine paraffin, no moly-D, no zinc, and no sulfur oxide.</b>

**SECTION III – Physical/Chemical Characteristics**

Boiling Point	Specific Gravity (H20=1)
Initial 148	60/60 .848
Vapor Pressure (mm Hg.)	Melting Point
14	-64
Vapor Density (AIR = 1)	Evaporation Rate
2.6	Butyl Acetate = 1) 89.1
Solubility in Water	
1.9	
Appearance and Odor	
Clear solution (with or without red or yellow dye); mild ethereal odor	

**SECTION IV – Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Cleveland Open Cup = 85° F	As Specified	2.1	20.1
Extinguishing Media			
Water, Foam, or CO2			
Special Fire Fighting Procedures			
NONE			
Unusual Fire and Explosion Hazard			
NONE			

**SECTION V – Reactivity Data**

Stability	Unstable	Conditions to Avoid : NONE
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Stable
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X
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Incompatibility ( <i>Materials to Avoid</i> )
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NONE
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Hazardous Decomposition or By-Products
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NONE
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Hazardous Polymerization	May Occur	Conditions to Avoid: NONE
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Will Not Occur
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X
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**SECTION VI – Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES

Health Hazards ( <i>Acute and Chronic</i> )
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NONE
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Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
NONE	N/A	N/A	NO

Signs and Symptoms of Exposure
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Light-headedness, giddiness, shortness of breath
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Medical Conditions Generally Aggravated by Exposure
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Possible Narcosis, possible cardiac arrhythmia at high concentrations
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Emergency and First Aid Procedures
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Inhalations: Remove to fresh air, call a physician. Do not give epinephrine or similar drugs.
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Skin or eye contact: Flush with water
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**SECTION VII – Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled
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Ventilate area, especially low places where heavy vapors may collect. Remove open flames.
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Disperse with water or evaporate.
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Waste Disposal Method
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Evaporate at a rate that does not produce a health or safety hazard. Absorb on non-combustible material such as vermiculite, etc.
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Precautions to be Taken in Handling and Storing
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Prevent contamination with alkalis or oxidizers.
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Other precautions	NONE
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**Blue : Health Hazard** - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

**Red: Flammability** - Liquids and solids that can be ignited under almost all ambient conditions.

**Yellow: Instability** - Normally stable, even under fire exposure conditions, and are not reactive with water.

**White: Special Hazards** - NONE

**SECTION VIII – Control Measures**

Respiratory Protection ( <i>Specify Type</i> )
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Use air mask in high concentrations.
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Ventilation	Local Exhaust	Special
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When large amounts are released, especially in low places.
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Mechanical ( <i>General</i> )	Other
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Especially in low places	N/A
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Protective Gloves	Eye Protection
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Butyl rubber	YES
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Other Protective Clothing or Equipment
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N/A
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Work/Hygienic Practices
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Wash hands before eating.
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