

MATERIAL SAFETY DATA SHEET

1210 ACT Humphrey Activator

IDENTITY: DYNACLEAN-L

CHEMICAL TYPE: Bacteria/Surfactant

SECTION I

Manufacturer:

Environmental Dynamics, Inc.
P.O. Box 99
Natural Bridge Sta. VA 24579
(540) 291-1945

Emergency Contact:

Environmental Dynamics, Inc.
(540) 291-1945
(800) 448-4723

SECTION II - HAZARDOUS INGREDIENTS

<u>MATERIAL</u>	<u>CAS #</u>	<u>EXPOSURE LIMIT</u>
<u>Butyl Carbitol:</u>		
Diethylene glycol monobutyl ether	112-34-5	None Established
Ethylene glycol, monobutyl ether	111-76-2	25 ppm TWA (skin), OSHA & ACGIH

SECTION III - PHYSICAL DATA

Boiling Point: N/A	Specific Gravity: 1.1
Vapor Pressure(mm Hg): N/A	Melting Point: N/A
Vapor Density(Air = 1): N/A	Evaporation Rate: N/A (Butyl Acetate = 1)
Solubility in Water: Complete.	
Appearance and Odor: Turbid, light brown liquid; mild sweet odor.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A	Flammable Limits: N/A
LEL: N/A	UEL: N/A
Extinguishing Method: N/A	
Special Fire Fighting Procedures: NONE	
Unusual Fire and Explosion Hazards: NONE	

SECTION V - REACTIVITY DATA

Stability: This product is stable.

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): NONE

Hazardous Decomposition Products: N/A

Hazardous Polymerization: Will not occur.

SECTION VI - HEALTH HAZARD DATA

No OSHA permissible exposure limits have been established for this product.

Medical Conditions Generally Aggravated by Exposure:
Respiratory, skin and eyes

Emergency and First Aid Responses:

Eye Contact: May cause eye irritation and redness. Flush with plenty of water, holding eye lids open. Contact a physician.

Skin Contact: May cause skin irritation and redness due to defatting action. Flush with water; use lotion.

Inhalation: Inhalation of mist may cause upper respiratory tract irritation. Remove victim to fresh air. If breathing stops, give artificial respiration.

Ingestion: May cause gastroenteritis and diarrhea. Treat symptomatically and supportively. Seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response Procedures: Contain spill; soak up with appropriate absorbent material. Concentrated product is slippery on surfaces.

Waste Disposal Method: Transfer spilled liquid to appropriate containers for disposal. Dispose of all wastes in accordance with federal, state and local regulations.

Precautions to be Taken in Handling and Storage: Do not store over 100°F to preserve bacterial activity. Avoid freezing.

Other Precautions: None generally needed.

SECTION VIII - CONTROL MEASURES

Use with adequate local or mechanical ventilation. For eye protection, use chemical goggles or face shield. Protective gloves and coveralls are recommended.

NOTE: Environmental Dynamics, Inc. believes that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. NO WARRANTY OF MERCHANTABILITY FITNESS OR OTHERWISE, EXPRESS OR IMPLIED, IS MADE. DATE: 9/12/95