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**SECTION I. IDENTIFICATION OF PRODUCT**

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PRODUCT NAME: EARTH FORMULA #1  
DESCRIPTION: Environmentally safe concentrated cleaner/degreaser  
MANUFACTURER: PIONEER RESEARCH  
3443 N. Central Avenue  
Phoenix, AZ 85012  
EMERGENCY TELEPHONE: 1-800-255-3924

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**SECTION II. HAZARDOUS INGREDIENTS**

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Contains **NO** hazardous components under current OSHA definitions.

This material mixture formula is a trade secret and complies with 29CFR XVII-1910. 1200 Section (i) "TRADE SECRETS".

This formula contains no ingredients that are on the NTP list or registered with LARC for carcinogens and the material mixture tested as a whole has been found to be:

- 1) Non-Toxic
- 2) Not Corrosive
- 3) Not an irritant
- 4) Not a sensitizer in oral, dermal and ocular per Federal Hazardous Substances Act (15 CFR 1500).

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**SECTION III. PHYSICAL DATA**

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Boiling Point at 1 ATM, DEG C	:	93.4
Vapor Pressure @ 20C (MM HG.)	:	17.5
Vapor Density (Air = 1)	:	.62
Solubility in Water	:	COMPLETE
Appearance, Color, Odor	:	Dark Green
Specific Gravity (H2O = 1)	:	1.010 At 20 DEG. F
Evaporation Rate	:	.7
PH Range (Concentrate)	:	10.7

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**SECTION IV. FIRE AND EXPLOSIVE DATA**

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Flash Point: Non-Flammable: decomposed at 110 C without flame using Pensky-Martens Closed Tester 211.7 - 1979.

Flammable Limits: LEL=N/A UEL = N/A

Extinguishing Media: OK with CO2, Sand, Dry Chemical, Foam, Water

Special Fire Fighting Procedures: Water may be used to cool containers involved with fire.

Unusual Fire and Explosive Hazards: Poses no unusual fire or explosive hazards.

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### SECTION V. REACTIVITY DATA

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<b>Stability:</b>	This is a totally stable compound.
<b>Hazardous Polymerization:</b>	It will not undergo hazardous polymerization.
<b>Incompatibility:</b>	This material will neutralize most acids.
<b>Hazardous Decomposition:</b>	None Known: It is not combustible.
<b>Conditions to Avoid:</b>	None Known

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### SECTION VI. HEALTH HAZARD DATA

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PH is 9.0 to 10.7 depending on concentration. Laboratory tests show material is non-toxic when used properly according to directions.

<b>Eye Contact:</b>	In concentrated form, irritation may occur in some humans if splashed into the eye. Flush with water as one would do with regular shampoo.
<b>Skin Contact:</b>	When concentrated form is exposed to sensitive skin area for a prolonged period of time, a drying sensation may occur. Simply rinse with water and apply handcream.
<b>Inhalation:</b>	No health effects are known to occur from inhalation of this material under normal use in a normally vented area.
<b>Ingestion:</b>	Ingestion of concentrate is not recommended, but no special precautions are needed if small amounts are consumed. Drink water to get rid of taste.

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### SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

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<b>Spill Response:</b>	Area may become slippery: flush with water to dilute. Spilled product may be disposed of down any drain to clean them or applied to parking lots to clean.
<b>Product Disposal:</b>	May be flushed in any sewer drain for disposal.
<b>Container Disposal:</b>	Rinse used containers with water and recycle.
<b>Other Precautions:</b>	If exposed to low temperatures (below 32 F), product may stratify. If so, mix before using.

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### SECTION VIII. CONTROL MEASURES

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Precautionary measures needed. Any normal ventilation is adequate. Eye protection not necessary, but suggested around concentrates. Gloves are not necessary. As with any chemical, keep out of reach of children.

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This MSDS is in compliance with the OSHA Hazard Communication Regulation. All the information contained on this MSDS is the latest as the date shown and is offered to the user as a guideline to safety under normal conditions. Follow instructions on the label. Any use or method application not in conformance with this MSDS and product label directions is the total responsibility of the user.