

EARTH CHEM

MATERIAL SAFETY DATA

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **EarthBound® L**

SYNONYMS: Anionic polyacrylamide in water-in-oil emulsion

CHEMICAL FAMILY: Anionic polyacrylamide polymer

MOLECULAR FORMULA: Polymer mixture

MOLECULAR WGT: Polymer mixture

EARTH CHEM, INC., P.O. Box 272627, Fort Collins, CO 80527 Phone: 970-223-4998

EMERGENCY PHONE: For emergency involving spill, leak, fire, exposure or accident call 970-223-4998.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Anionic acrylamide copolymer emulsion in hydrocarbon oil

Hazardous Components: Hazardous characteristics (irritation) were observed only in product when tested as a whole, not in individual components.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE: Opaque, white liquid

STATEMENTS OF HAZARD:

IMPORTANT! SPILLS OF THIS PRODUCT ARE VERY SLIPPERY WHEN WET

POTENTIAL HEALTH EFFECTS

	HMIS	NFPA
Health:	1	1
Flammability:	1	1
Reactivity:	0	0
Special:	To be determined by user	

4. FIRST AID MEASURES

In case of skin contact, remove contaminated clothing. Wipe off excess chemical first, then wash skin thoroughly with soap and water.

In case of eye contact, immediately irrigate with plenty of water for 15 minutes. Obtain medical attention if irritation persists.

If ingested, do not induce vomiting. Consult a physician if discomfort develops.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

METHOD: Pensky-Martens Closed Cup

FLASH POINT: >200 F; 93 C

FLAMMABLE LIMITS

(% BY VOL): Not applicable
AUTOIGNITION TEMP: Not available
DECOMPOSITION TEMP: Not available

EXTINGUISHING MEDIA AND FIRE FIGHTING INSTRUCTIONS

Use water spray, carbon dioxide or dry chemical to extinguish fires. Use water to keep containers cool. Spills produce extremely slippery surfaces. No special equipment required.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

No special precautions required. Avoid contaminating water. When cleaning up, do not flush with water. Dam up. Soak up with inert absorbent material. If spilled in large quantities, clean up promptly with scoop or vacuum. Keep in suitable containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Store in a dry, cool place. Do not allow to freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: Recommended PEL for solvent: 100 ppm in air

Engineering measures to reduce exposure: Use local exhaust if misting occurs.

Respiratory protection: In case of insufficient ventilation and/or misty conditions, wear NIOSH approved organic filter respirator.

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields. Do not wear contact lenses.

Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Hygiene measures: Wash hands before breaks and at the end of the workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Opaque, white liquid; aliphatic odor

BOILING POINT: Similar to water

MELTING POINT: Similar to water

VAPOR PRESSURE: Similar to water

SPECIFIC GRAVITY: 1.025 - 1.060

VAPOR DENSITY: Similar to water

% VOLATILE (BY WT): 65 - 75

pH: 6 - 8 @ 5 g/l

SATURATION IN AIR (% BY VOL): Not available

EVAPORATION RATE: Similar to water

SOLUBILITY IN WATER: Limited by viscosity

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce: carbon oxides, nitrogen oxides (Nox), sulfur oxides

11. TOXICOLOGICAL INFORMATION

Toxicological information for the product is found under Section 3, HAZARDS IDENTIFICATION. Toxicological information on the OSHA regulated components of this product is as follows: The product has very low acute toxicity. It is not orally toxic: LD50/oral/rat > 2000 mg/kg. The product is not toxic in contact with the skin. The product is not expected to be toxic by inhalation. The product is slightly irritating to the skin and is irritating to the eyes. The product is not expected to be sensitizing. Prolonged skin contact may defat the skin and produce dermatitis.

12. ECOLOGICAL INFORMATION

Ecological injuries are not known or expected under normal use.

The product is not expected to bioaccumulate. No data is available for persistence/degradability.

13. DISPOSAL CONSIDERATIONS

Disposal must be made in accordance with applicable governmental regulations.

14. TRANSPORT INFORMATION

Not regulated by Department of Transportation

15. REGULATORY INFORMATION

RCRA status:	Not a hazardous waste
Hazardous waste number:	Not applicable
Reportable quantity:	Not applicable
Threshold planning quantity:	Not applicable
Toxic chemical release reporting:	Not applicable

16. OTHER INFORMATION

This Material Safety Data Sheet revised: 3/24/07

REASON FOR ISSUE: Registered Trademark

This information is given without any warranty or representation. We do not assume any legal responsibility for same, nor do we give permission, inducement, or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation and verification. Before using any product, read its label.
