

MATERIAL SAFETY DATA SHEET

| SECTION 1 - PRODUCT / COMPANY IDENTIFICATION | | | | HMIS HAZARD RATING | | | |
|--|--|------------------------------------|---|---|-----------------------|--|--|
| IDENTITY Rich Earth Liquid Mineral 6% | | HEALTH 2 | | 0= INSIGNIFICANT | | 3=HIGH | |
| | | FLAMMABILITY 0 | | 1=SLIGHT | | 4=EXTREME | |
| | | REACTIVITY 1 | | 2=MODERATE | | | |
| MANUFACTURER'S NAME | | EMERGENCY: 1-800-846-2817 | DISTRIBUTOR'S NAME R. E. Minerals LLC 2418 Bay Oaks Pl. Norfolk VA 23518 | | INFORMATION: | | DATE PREPARED: 6 March 2007 SUPERSEDES: |
| | | INFORMATION: (435)288-2222 | | | | | |
| SECTION 2-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION | | | | | | | |
| INGREDIENTS Water, Humates (Leonardite), Humic shale ore Activity: pH 8.5 6% Humate | | | | | | | |
| SECTION 3- PHYSICAL/CHEMICAL CHARACTERISTICS | | | | | | | |
| BOILING POINT 106 degrees C | | SPECIFIC GRAVITY 1.021 g/cm3 | | VAPOR DENSITY(Air = 1) N/A | | SOLUBILITY IN WATER Good | |
| VAPOR PRESSURE (MM Hg.) 10 m-bar | | MELTING POINT minus 7 degrees C | | EVAPORATION RATE (Butyl Acetate = 1) N/A | | | |
| APPEARANCE AND ODOR Dark brown Liquid/Odor: Light ammonia smell | | | | | | | |
| SECTION 4 - FIRE AND EXPLOSIVE HAZARD DATA | | | | | | | |
| FLASH POINT N/A | | METHOD N/A | FLAMMABLE LIMITS N/A | | LEL N/A | UEL N/A | EXTINGUISHING MEDIA N/A |
| UNUSUAL FIRE AND EXPLOSION HAZARDS N/A | | | | SPECIAL FIRE FIGHTING PROCEDURES N/A | | | |
| SECTION 5 - REACTIVITY DATA | | | | | | | |
| STABILITY STABLE | | | | CONDITIONS TO AVOID N/A | | HAZARDOUS DECOMPOSITION OR BYPRODUCTS N/A | |
| HAZARDOUS POLYMERIZATION WILL NOT OCCUR | | | | CONDITIONS TO AVOID N/A | | INCOMPATIBLY N/A | |
| SECTION 6 - HEALTH HAZARD DATA | | | | | | | |
| ROUTE(S) OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE | | | | EMERGENCY AND FIRST AID PROCEDURES | | | |
| INHALATION: NO | | | | N/A | | | |
| EYES: YES | | | | Immediately flush with water for at least 15 minutes. Call Physician if symptoms persist. | | | |
| SKIN: YES | | | | Wash contaminated areas with plenty of water. Remove contaminated clothing and wash before reuse. If skin irritation continues consult a physician. | | | |
| INGESTION: YES | | | | If swallowed do not induce vomiting. Give one or two glasses of milk or water. Contact a physician immediately. | | | |
| CARCINOGENICITY N/A | | | NTP N/A | IARC N/A | OSHA REGULATED N/A | | |
| MEDICAL CONDITIONS-GENERALLY AGGRAVATED BY EXPOSURE: | | | | | | | |
| SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE | | | | | | | |
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Use an absorbent material to collect spill. Collect and dispose of in accordance with all Local, State and Federal regulations. | | | | | | | |
| WASTE DISPOSAL METHOD Triple rinse and puncture containers after use. | | | | | | | |
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Shake well before use. Do not attempt to reuse container | | | | | | | |
| OTHER PRECAUTIONS N/A | | | | | | | |
| SECTION 8 - CONTROL MEASURES | | | | | | | |
| RESPIRATORY PROTECTION NIOSG/MSHA approved for mists. Employ respiratory protection when exposure to mist and spray is possible | | | | | | | |
| VENTILATION Use in open areas. | | LOCAL EXHAUST N/A | | OTHER N/A | | SPECIAL N/A | |
| | | | | | | MECHANICAL (GENERAL) Usually adequate | |
| PROTECTIVE GLOVES YES | | | EYE PROTECTION Use protective eyewear. | | | OTHER PROTECTIVE CLOTHING OR EQUIPMENT Long sleeves, long pants and closed toed shoes | |
| WORK/HYGIENIC PRACTICES Wash hands and clothing after handling product | | | | | | | |
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