

CA9030

## MATERIAL SAFETY DATA SHEET

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| <b>PRODUCT NAME:</b> Mineral Shock RTU                                                                                                                                                                                                                                                                               |                      | <b>DATE:</b> July 23, 2008                                                                                                                                                                                               |                |
| <b>PRODUCT NUMBER:</b> 138                                                                                                                                                                                                                                                                                           |                      |                                                                                                                                                                                                                          |                |
| <b>TRADE NAME:</b> Mineral Shock RTU<br><b>GENERAL USE:</b> Mineral Cleaner<br><b>CHEMICAL FAMILY:</b> Organic Mineral Cleaner<br><b>PRODUCT DESCRIPTION:</b><br>Clear liquid with slight odor.                                                                                                                      |                      |                                                                                                                                        |                |
| <b>MANUFACTURER:</b> EnviroX LLC                                                                                                                                                                                                                                                                                     |                      |                                                                                                                                                                                                                          |                |
| <b>ADDRESS (NUMBER, STREET, P.O. BOX):</b> P.O. Box 2327, 1838 E. Fairchild St.                                                                                                                                                                                                                                      |                      | <b>DATE PREPARED:</b> July 23, 2008                                                                                                                                                                                      |                |
| <b>(CITY, STATE AND ZIP CODE):</b> Danville, IL 61834-2327                                                                                                                                                                                                                                                           |                      | <b>SUPERSEDES:</b> October 9, 2006                                                                                                                                                                                       |                |
| <b>COUNTRY:</b> USA                                                                                                                                                                                                                                                                                                  |                      | <b>TELEPHONE NUMBER FOR INFORMATION / Customer Service:</b> 1-217-442-8586                                                                                                                                               |                |
|                                                                                                                                                                                                                                                                                                                      |                      | <b>CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER</b><br> 1-800-255-3924      1-813-248-0585<br>North America Toll Free      International |                |
| <b>Hazardous Components</b>                                                                                                                                                                                                                                                                                          | <b>% (by Weight)</b> | <b>CAS #</b>                                                                                                                                                                                                             | <b>INECS #</b> |
| No hazardous ingredients per 29CFR.                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                          |                |
| <b>Notes:</b> All SARA Title III materials have been reported. All ingredients contained in this formula are listed on the Toxic Substances Control Act (TSCA) Chemical Inventory. Proprietary non-hazardous ingredients not listed.                                                                                 |                      |                                                                                                                                                                                                                          |                |
| <b>INHALATION:</b>                                                                                                                                                                                                                                                                                                   |                      |                                                                                                                                                                                                                          |                |
| May irritate respiratory tract if inhaled as mist.                                                                                                                                                                                                                                                                   |                      |                                                                                                                                                                                                                          |                |
| <b>SKIN:</b>                                                                                                                                                                                                                                                                                                         |                      |                                                                                                                                                                                                                          |                |
| May cause skin irritation - especially in cases of persistent contact. Dry skin or stinging sensation.                                                                                                                                                                                                               |                      |                                                                                                                                                                                                                          |                |
| <b>EYES:</b>                                                                                                                                                                                                                                                                                                         |                      |                                                                                                                                                                                                                          |                |
| May cause mild to moderate eye irritation from splashing or contact with mists.                                                                                                                                                                                                                                      |                      |                                                                                                                                                                                                                          |                |
| <b>INGESTION:</b>                                                                                                                                                                                                                                                                                                    |                      |                                                                                                                                                                                                                          |                |
| May cause stomach upset, including vomiting and/or nausea. Product is only mildly toxic by ingestion.                                                                                                                                                                                                                |                      |                                                                                                                                                                                                                          |                |
| <b>CARCINOGENICITY:</b>                                                                                                                                                                                                                                                                                              |                      |                                                                                                                                                                                                                          |                |
| NTP? NO                                                                                                                                                                                                                                                                                                              |                      | ARC MONOGRAPHS? NO                                                                                                                                                                                                       |                |
| CALIFORNIA, Prop. 65? NO                                                                                                                                                                                                                                                                                             |                      | OSHA REGULATED? NO                                                                                                                                                                                                       |                |
| <b>SECTION 6 - FIRST AID MEASURES</b>                                                                                                                                                                                                                                                                                |                      |                                                                                                                                                                                                                          |                |
| <b>INHALATION:</b>                                                                                                                                                                                                                                                                                                   |                      |                                                                                                                                                                                                                          |                |
| Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration if possible. Call a poison control center or doctor for further treatment advice.                                                                                                                   |                      |                                                                                                                                                                                                                          |                |
| <b>EYES:</b>                                                                                                                                                                                                                                                                                                         |                      |                                                                                                                                                                                                                          |                |
| Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.                                                                                                   |                      |                                                                                                                                                                                                                          |                |
| <b>SKIN:</b>                                                                                                                                                                                                                                                                                                         |                      |                                                                                                                                                                                                                          |                |
| Remove contaminated clothing. Rinse skin immediately with plenty of water. See a physician for severe/persistent irritation.                                                                                                                                                                                         |                      |                                                                                                                                                                                                                          |                |
| <b>INGESTION:</b>                                                                                                                                                                                                                                                                                                    |                      |                                                                                                                                                                                                                          |                |
| Call poison control center (Toll-Free at 1-800-222-1222 within the USA) or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. |                      |                                                                                                                                                                                                                          |                |
| <b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                          |                |
| <b>GENERAL HAZARDS:</b>                                                                                                                                                                                                                                                                                              |                      |                                                                                                                                                                                                                          |                |
| Not Flammable.                                                                                                                                                                                                                                                                                                       |                      |                                                                                                                                                                                                                          |                |
| <b>EXTINGUISHING MEDIA:</b>                                                                                                                                                                                                                                                                                          |                      |                                                                                                                                                                                                                          |                |
| Carbon Dioxide or Dry Chemical - choose extinguishing media to fight surrounding fire.                                                                                                                                                                                                                               |                      |                                                                                                                                                                                                                          |                |
| <b>FIRE FIGHTING PROCEDURES:</b>                                                                                                                                                                                                                                                                                     |                      |                                                                                                                                                                                                                          |                |
| Firefighters should wear self-contained breathing apparatus and turn-out gear when fighting any chemical fire.                                                                                                                                                                                                       |                      |                                                                                                                                                                                                                          |                |
| <b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>                                                                                                                                                                                                                                                                           |                      |                                                                                                                                                                                                                          |                |
| None applicable.                                                                                                                                                                                                                                                                                                     |                      |                                                                                                                                                                                                                          |                |
| <b>HAZARDOUS COMBUSTION PRODUCTS:</b>                                                                                                                                                                                                                                                                                |                      |                                                                                                                                                                                                                          |                |
| None known.                                                                                                                                                                                                                                                                                                          |                      |                                                                                                                                                                                                                          |                |

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| <b>PRODUCT NAME:</b> Mineral Shock RTU                                                                                                                                                                                                        |                                 | <b>DATE:</b> July 23, 2008                               |                                                |
| <b>PRODUCT NUMBER:</b> 138                                                                                                                                                                                                                    |                                 |                                                          |                                                |
| <b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>                                                                                                                                                                                                 |                                 |                                                          |                                                |
| <b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b>                                                                                                                                                                             |                                 |                                                          |                                                |
| Do not flush large quantities of material into sewers or bodies of water. Use absorbent to trap spilled material, then place in waste container. Small spills (less than a gallon) can be flushed into a sanitary sewer with plenty of water. |                                 |                                                          |                                                |
| <b>SECTION 7: HANDLING AND STORAGE</b>                                                                                                                                                                                                        |                                 |                                                          |                                                |
| <b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>                                                                                                                                                                                       |                                 |                                                          |                                                |
| Store indoors; Store below 120°F, avoiding temperature extremes. Do not store with incompatible materials (see Section 10).                                                                                                                   |                                 |                                                          |                                                |
| <b>SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION</b>                                                                                                                                                                                       |                                 |                                                          |                                                |
| <b>HAZARDOUS COMPONENTS</b>                                                                                                                                                                                                                   |                                 | <b>NIOSH</b>                                             | <b>ACGIH</b> <b>OSHA</b>                       |
| No hazardous ingredients per 29CFR.                                                                                                                                                                                                           |                                 |                                                          |                                                |
| <b>PERSONAL PROTECTION</b>                                                                                                                                                                                                                    |                                 |                                                          |                                                |
| <b>RESPIRATORY PROTECTION:</b>                                                                                                                                                                                                                |                                 |                                                          |                                                |
| Local Exhaust Ventilation is OK. NIOSH/OSHA approved respirators may be used if respiratory irritation occurs.                                                                                                                                |                                 |                                                          |                                                |
| <b>PROTECTIVE GLOVES:</b>                                                                                                                                                                                                                     |                                 |                                                          |                                                |
| Impervious protective gloves are recommended - especially for sustained contact. Neoprene is a good choice for glove material.                                                                                                                |                                 |                                                          |                                                |
| <b>EYE PROTECTION:</b>                                                                                                                                                                                                                        |                                 |                                                          |                                                |
| Safety glasses with side shields are recommended where a splash hazard exists and as a good industrial practice.                                                                                                                              |                                 |                                                          |                                                |
| <b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT:</b>                                                                                                                                                                                                |                                 |                                                          |                                                |
| Not generally required. An impervious apron is suggested for situations where a splash hazard exists.                                                                                                                                         |                                 |                                                          |                                                |
| <b>WORK / HYGIENIC PRACTICES:</b>                                                                                                                                                                                                             |                                 |                                                          |                                                |
| Wash hands with soap and water after contact. Use emollient cleanser for mild dryness of skin.                                                                                                                                                |                                 |                                                          |                                                |
| <b>SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES</b>                                                                                                                                                                                            |                                 |                                                          |                                                |
| <b>APPEARANCE AND ODOR</b>                                                                                                                                                                                                                    |                                 | <b>VAPOR PRESSURE</b>                                    |                                                |
| Clear liquid with slight odor.                                                                                                                                                                                                                |                                 | NE                                                       |                                                |
| <b>pH</b>                                                                                                                                                                                                                                     |                                 | <b>SPECIFIC GRAVITY (WATER = 1)</b>                      |                                                |
| <1                                                                                                                                                                                                                                            |                                 | 1.02                                                     |                                                |
| <b>BOILING POINT / BOILING RANGE</b>                                                                                                                                                                                                          |                                 | <b>SOLUBILITY IN WATER</b>                               |                                                |
| 212°F                                                                                                                                                                                                                                         |                                 | Completely Soluble.                                      |                                                |
| <b>FLASH POINT</b>                                                                                                                                                                                                                            |                                 | <b>VISCOSITY</b>                                         |                                                |
| None                                                                                                                                                                                                                                          |                                 | NA                                                       |                                                |
| <b>FLAMMABLE LIMITS</b>                                                                                                                                                                                                                       |                                 | <b>VAPOR DENSITY (AIR = 1)</b>                           |                                                |
| LEL: NA UEL: NA                                                                                                                                                                                                                               |                                 | NA                                                       |                                                |
| <b>AUTOIGNITION TEMPERATURE</b>                                                                                                                                                                                                               |                                 | <b>EVAPORATION RATE (WATER = 1)</b>                      |                                                |
| NA                                                                                                                                                                                                                                            |                                 | NA                                                       |                                                |
| <b>SECTION 10: STABILITY AND REACTIVITY</b>                                                                                                                                                                                                   |                                 |                                                          |                                                |
| <b>STABILITY</b>                                                                                                                                                                                                                              |                                 | <b>CONDITIONS TO AVOID:</b>                              |                                                |
| STABLE X                                                                                                                                                                                                                                      |                                 | Extreme heat or open flame.                              |                                                |
| <b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>                                                                                                                                                                                                  |                                 |                                                          |                                                |
| Strong oxidizers, alkalis                                                                                                                                                                                                                     |                                 |                                                          |                                                |
| <b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b>                                                                                                                                                                                                 |                                 |                                                          |                                                |
| None known                                                                                                                                                                                                                                    |                                 |                                                          |                                                |
| <b>HAZARDOUS POLYMERIZATION:</b>                                                                                                                                                                                                              |                                 | <b>CONDITIONS TO AVOID:</b>                              |                                                |
| Will not occur.                                                                                                                                                                                                                               |                                 | None related to polymerization.                          |                                                |
| <b>SECTION 11: TOXICOLOGICAL INFORMATION</b>                                                                                                                                                                                                  |                                 |                                                          |                                                |
| <b>Hazardous Components</b>                                                                                                                                                                                                                   | <b>CAS #</b><br><b>EINECS #</b> | <b>LD50 of Ingredient</b><br>(Specify Species and Route) | <b>LC50 of Ingredient</b><br>(Specify Species) |
| No hazardous ingredients per 29CFR.                                                                                                                                                                                                           |                                 |                                                          |                                                |
| <b>SECTION 12: ECOLOGICAL INFORMATION</b>                                                                                                                                                                                                     |                                 |                                                          |                                                |
| No ecological information is available for this blended product; it is known to be biodegradable, however, based on the ingredients used in its manufacture. Product contains no Priority Pollutants under the Clean Water Act.               |                                 |                                                          |                                                |

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| <b>PRODUCT NAME:</b> Mineral Shock RTU                                                                                                                                                                                                                                                                                                            |  | <b>DATE:</b> July 23, 2009                                                                                |                   |
| <b>PRODUCT NUMBER:</b> 138                                                                                                                                                                                                                                                                                                                        |  |                                                                                                           |                   |
| <b>WASTE DISPOSAL METHOD:</b><br>Biodegradable product may be flushed to sewage treatment facility (in small quantities - see Section 6) or landfill. Dispose of container according to State, Federal and Local laws. Neutralization of pH (large quantities) may require notification of authorities.                                           |  |                                                                                                           |                   |
| <b>SECTION 11 - TRANSPORT INFORMATION</b>                                                                                                                                                                                                                                                                                                         |  |                                                                                                           |                   |
| Cleaning Solution not regulated.                                                                                                                                                                                                                                                                                                                  |  |                                                                                                           |                   |
| <b>PROPER SHIPPING NAME:</b>                                                                                                                                                                                                                                                                                                                      |  | <b>IATA HAZARD CLASS / Pack Group:</b> Not regulated.                                                     |                   |
| <b>DOT HAZARD CLASS / Pack Group:</b> Not regulated                                                                                                                                                                                                                                                                                               |  | <b>IMDG HAZARD CLASS:</b> Not regulated                                                                   |                   |
| <b>REFERENCE:</b> None                                                                                                                                                                                                                                                                                                                            |  | <b>RID/ADR Dangerous Goods Code:</b> None                                                                 |                   |
| <b>UN / NA IDENTIFICATION NUMBER:</b> None                                                                                                                                                                                                                                                                                                        |  | <b>UN TDG Class / Pack Group:</b> NA                                                                      |                   |
| <b>LABEL:</b> None                                                                                                                                                                                                                                                                                                                                |  | <b>Hazard Identification Number (HIN):</b> None                                                           |                   |
| <b>HAZARD SYMBOLS:</b> None                                                                                                                                                                                                                                                                                                                       |  |                                                                                                           |                   |
| Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.                        |  |                                                                                                           |                   |
| <b>SECTION 15 - REGULATORY INFORMATION</b>                                                                                                                                                                                                                                                                                                        |  |                                                                                                           |                   |
| <b>TSCA (USA - Toxic Substance Control Act):</b> All components are listed.                                                                                                                                                                                                                                                                       |  |                                                                                                           |                   |
| <b>SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):</b>                                                                                                                                                                                                                                                                       |  |                                                                                                           |                   |
| Acute Health: Yes                                                                                                                                                                                                                                                                                                                                 |  | Chronic Health: No                                                                                        |                   |
| Fire: No                                                                                                                                                                                                                                                                                                                                          |  | Sudden Release of Pressure: No                                                                            |                   |
| Reactive: No                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                           |                   |
| <b>313 REPORTABLE INGREDIENTS:</b> None                                                                                                                                                                                                                                                                                                           |  |                                                                                                           |                   |
| <b>CERCLA (USA - Comprehensive Response Compensation and Liability Act):</b>                                                                                                                                                                                                                                                                      |  | No reportable ingredients                                                                                 |                   |
| <b>California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:</b>                                                                                                                                                                                                                                                                 |  | No reportable ingredients                                                                                 |                   |
| <b>CPR (Canadian Controlled Products Regulations):</b>                                                                                                                                                                                                                                                                                            |  | No WHMIS warnings required.                                                                               |                   |
| <b>IDL (Canadian Ingredient Disclosure List):</b>                                                                                                                                                                                                                                                                                                 |  | Listed.                                                                                                   |                   |
| <b>DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):</b>                                                                                                                                                                                                                                                             |  | Listed on DSL.                                                                                            |                   |
| <b>WGK Water Quality Index:</b>                                                                                                                                                                                                                                                                                                                   |  | 1                                                                                                         |                   |
| <b>Legend:</b> NA=Not Available, NE= Not Established, ND= Not determined, C= Carcinogen, NTP= National Toxicology Program.                                                                                                                                                                                                                        |  |                                                                                                           |                   |
| <b>HMIS HAZARD RATINGS</b>                                                                                                                                                                                                                                                                                                                        |  |                                                                                                           |                   |
| <b>HEALTH:</b>                                                                                                                                                                                                                                                                                                                                    |  | 1                                                                                                         | 0 = INSIGNIFICANT |
| <b>FLAMMABILITY:</b>                                                                                                                                                                                                                                                                                                                              |  | 0                                                                                                         | 1 = SLIGHT        |
| <b>PHYSICAL HAZARD:</b>                                                                                                                                                                                                                                                                                                                           |  | 0                                                                                                         | 2 = MODERATE      |
| <b>PERSONAL PROTECTIVE EQUIPMENT:</b>                                                                                                                                                                                                                                                                                                             |  | 3                                                                                                         | 3 = HIGH          |
|                                                                                                                                                                                                                                                                                                                                                   |  | 4                                                                                                         | 4 = EXTREME       |
| <b>REVISION SUMMARY:</b>                                                                                                                                                                                                                                                                                                                          |  |                                                                                                           |                   |
| Revised to ANSI. protocols 7/23/2009 supersedes 10/9/2006 issue LB                                                                                                                                                                                                                                                                                |  |                                                                                                           |                   |
| <b>MSDS Prepared by:</b><br>ChemTel Inc.<br>1305 North Florida Avenue<br>Tampa, Florida USA 33602-2802<br>Toll Free North America 1-888-235-3924 Int. +01 813-248-0573<br>Website: www.chemtelinc.com                                                                                                                                             |  | <b>ChemTel INC.</b>  |                   |
| This document contains information believed to be accurate but is not warranted to be correct. Data and calculations are based on information provided by the manufacturer and are not intended to be used for any purpose other than the intended use of the product. Users are advised to consult the product label for additional information. |  |                                                                                                           |                   |