MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Mineral Shock RTU
PRODUCT NUMBER: 138
DATE: October 28, 2011

TRADE NAME: Mineral Shock RTU
GENERAL USE: Mineral Cleaner
CHEMICAL FAMILY: Organic Mineral Cleaner
PRODUCT DESCRIPTION:
Clear liquid with slight odor.

ENVIROX™ a healthier way to clean

MANUFACTURER:
EnvirOx LLC

DATE PREPARED: October 28, 2011
SUPERSEDES: March 8, 2011

ADDRESS (NUMBER, STREET, P.O. BOX)
P.O. Box 2327, 1938 E. Fairchild St.

TELEPHONE NUMBER FOR INFORMATION / Customer Service
1-217-442-8596

(CITY, STATE AND ZIP CODE) COUNTRY
Danville, IL 61834-2327 USA

CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER
ChemTel INC.
1-800-255-3924 North America Toll Free
1-813-248-0585 International

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
No hazardous ingredients per 29CFR.					

Notes: 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.**

SECTION 3 - HAZARDS IDENTIFICATION

INHALATION:
May irritate respiratory tract if inhaled as mist.

SKIN:
May cause skin irritation - especially in cases of persistent contact. Dry skin or stinging sensation.

EYES:
May cause mild to moderate eye irritation from splashing or contact with mists.

INGESTION:
May cause stomach upset, including vomiting and/or nausea. Product is only mildly toxic by ingestion.

CARCINOGENICITY:
NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
CALIFORNIA, Prop.65? NO

SECTION 4 - FIRST AID MEASURES

INHALATION:
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.

EYES:
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.

SKIN:
Remove contaminated clothing. Rinse skin immediately with plenty of water. See a physician for severe/persistent irritation.

INGESTION:
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.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
Not Flammable.

EXTINGUISHING MEDIA:
Carbon Dioxide or Dry Chemical - choose extinguishing media to fight surrounding fire.

FIRE FIGHTING PROCEDURES:
Firefighters should wear self-contained breathing apparatus and turn-out gear when fighting any chemical fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None applicable.

HAZARDOUS COMBUSTION PRODUCTS:
None known.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

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.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store indoors; Store below 95°F, avoiding temperature extremes. Do not store with incompatible materials (see Section 10).

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TLV/TWA mg/m3	PEL ppm	PEL mg/m3

No hazardous ingredients per 29CFR.

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Local Exhaust Ventilation is OK. NIOSH/OSHA approved respirators may be used if respiratory irritation occurs.

PROTECTIVE GLOVES:

Impervious protective gloves are recommended - especially for sustained contact. Neoprene is a good choice for glove material.

EYE PROTECTION:

Safety glasses with side shields are recommended where a splash hazard exists and as a good industrial practice.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Not generally required. An impervious apron is suggested for situations where a splash hazard exists.

WORK / HYGIENIC PRACTICES:

Wash hands with soap and water after contact. Use emollient cleanser for mild dryness of skin.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR **Clear liquid with slight odor.**	VAPOR PRESSURE **NE**
pH **<1**	SPECIFIC GRAVITY (WATER = 1) **1.02**
BOILING POINT / BOILING RANGE **212°F**	SOLUBILITY IN WATER **Completely Soluble.**
FLASH POINT **None**	VISCOSITY **NA**
FLAMMABLE LIMITS LEL: **NA** UEL: **NA**	VAPOR DENSITY (AIR = 1) **NA**
AUTOIGNITION TEMPERATURE **NA**	EVAPORATION RATE (WATER = 1) **NA**

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE **X**	CONDITIONS TO AVOID: Extreme heat or open flame.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizers, alkalis

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known

HAZARDOUS POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)

No hazardous ingredients per 29CFR.

SECTION 12 - ECOLOGICAL INFORMATION

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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SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
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.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: **Cleaning Solution not regulated.**

DOT HAZARD CLASS / Pack Group:	Not regulated	IATA HAZARD CLASS / Pack Group:	Not regulated.
REFERENCE:	None	IMDG HAZARD CLASS:	Not regulated
UN / NA IDENTIFICATION NUMBER:	None	RID/ADR Dangerous Goods Code:	None
LABEL:	None	UN TDG Class / Pack Group:	NA
HAZARD SYMBOLS:	None	Hazard Identification Number (HIN):	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.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): All components are listed.
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):
Acute Health: Yes
Fire: No
Reactive: No
Chronic Health: No
Sudden Release of Pressure: No

313 REPORTABLE INGREDIENTS: None

CERCLA (USA - Comprehensive Response Compensation and Liability Act): **No reportable ingredients**

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: **No reportable ingredients**

CPR (Canadian Controlled Products Regulations): **No WHMIS warnings required.**

IDL (Canadian Ingredient Disclosure List): **Listed.**

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): **Listed on DSL.**

WGK Water Quality Index: 1

SECTION 16 - OTHER INFORMATION

Legend: NA=Not Available, NE= Not Established, ND= Not determined, C= Carcinogen, NTP= National Toxicology Program.

HMIS HAZARD RATINGS	HEALTH:	1	0 = INSIGNIFICANT
	FLAMMABILITY:	0	1 = SLIGHT
	PHYSICAL HAZARD:	0	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	B*	3 = HIGH
			4 = EXTREME

**Gloves and Safety Glasses are recommended but not required*

REVISION SUMMARY:
Revised to ANSI. protocols 10/28/2011 supersedes 3/8/2011 issue.LB

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