

# SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union standards



## 1. PRODUCT IDENTIFICATION

**TRADE NAME (AS LABELED):** Eco Stain LR434.03 True Blue  
**SYNONYMS:** Water based stain  
**MANUFACTURER'S NAME:** **ECO Chemical, Inc.**  
**ADDRESS:** 6600 Ursula Place South  
Seattle, WA 98108  
**BUSINESS PHONE:** (206) 448-7930  
**EMERGENCY PHONE:** (206) 448-7930  
**DATE ISSUED:** August 8, 2019  
**PREVIOUS REVISION DATE:** New

## 2. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW: Product Description:** This product is a viscous liquid with a mild odor.  
**Health Hazards:** Prolonged contact may cause irritation to skin and eyes. Ingestion may cause gastrointestinal irritation.  
**Flammability Hazards:** Non-Flammable product with a flash point >200°F.  
**Reactivity Hazards:** None.  
**Environmental Hazards:** Not expected to have significant environmental effects.  
**Emergency Considerations:** Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

CANADA (WHMIS) SYMBOLS

EUROPEAN and (GHS) Hazard Symbols

**Non-Regulated Material**

**Complies with WHMIS 2015**



Signal Word: **Warning!**

### GHS LABELING AND CLASSIFICATION:

CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:**

**EC# 215-275-4 This substance is not indexed in Annex VI of Directive 67/548/EEC**

**EC# 214-160-6 This substance is not indexed in Annex VI of Directive 67/548/EEC**

**EC# 231-791-2 This substance is not classified in the Annex VI of Directive 67/548/EEC**

### Components Determining Hazards:

All Ingredients

### GHS Hazard Classification(s):

Skin Irritant Category 2

Eye Irritant Category 2

### Hazard Statement(s):

H315: Causes skin irritation

H320: Causes eye irritation

### Precautionary Statement(s):

P264: Wash hands thoroughly after handling

P280: Wear protective gloves/protective clothing/eye protection/face protection

### RESPONSE STATEMENT(S):

P332+P313: If skin irritation occurs: Get medical advice/attention

P337+P313: If eye irritation persists: Get medical advice/attention

### STORAGE STATEMENT(S):

P403+P233: Store in a well-ventilated place.

### DISPOSAL STATEMENT(S):

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

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P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing

## OTHER KNOWN HAZARD(S):

This mixture has not been tested to the criteria for PBT or vPvB in accordance with Annex VII.  
No other hazards known

## HEALTH HAZARDS OR RISKS FROM EXPOSURE:

**ACUTE:** Prolonged or repeated contact may cause irritation to skin. Contact with eyes can cause moderate irritation. Ingestion of this product may cause irritation of the gastrointestinal system.

**CHRONIC:** None known

**TARGET ORGANS:** ACUTE: Eye, Skin CHRONIC: None known

## 3. COMPOSITION and INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	GHS HAZARD CLASSIFICATION(S):
Hematite	1317-60-8	215-275-4	Not Listed	25 – 30%	H315: Skin Irrit. Cat 2, H319: Eye Irrit. Cat 2
Barium	1103-38-4	214-160-6	Not Listed	1 – 3%	Not Classified
Water	7732-18-5	231-791-2	Not Listed	Balance	Not Classified
Each of the other components present are less than 1 percent concentration (0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens)					

**NOTE:** \* NOTE: The actual concentration is being withheld per WHMIS 2015 and OSHA HazCom 2012.  
This product has been classified in accordance with the hazard criteria of OSHA 29CFR1910.1200 and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*.

## 4. FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.

**EYE CONTACT:** If product is in eyes, open victim's eyes while under gentle running water. Use sufficient force to open eyelids. Minimum flushing is for 15 minutes. Remove contact lenses, if worn. Seek medical attention if irritation persists.

**SKIN CONTACT:** Wash contacted area with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek medical attention if irritation develops and persists.

**INHALATION:** If chemical is inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**INGESTION:** Routine use of this product is not expected to cause any situation which could lead to ingestion. If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known

**RECOMMENDATIONS TO PHYSICIANS:** Treat symptoms and eliminate overexposure.

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## 5. FIRE-FIGHTING MEASURES

**FLASH POINT:** >200°F

**AUTOIGNITION TEMPERATURE:** Not Established

**FLAMMABLE LIMITS (in air by volume, %):** Lower NE Upper NE

**FIRE EXTINGUISHING MATERIALS:** Carbon dioxide, foam, dry chemical, halon, water fog.

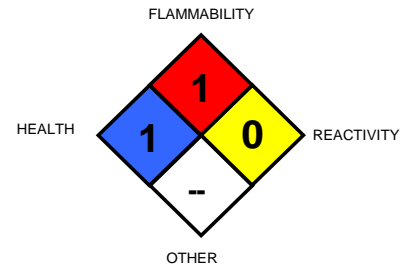
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

**Explosion Sensitivity to Mechanical Impact:** Not Sensitive

**Explosion Sensitivity to Static Discharge:** Not Sensitive

**SPECIAL FIRE-FIGHTING PROCEDURES:** Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### NFPA RATING



Hazard Scale:

0 = Minimal 1 = Slight 2 = Moderate  
3 = Serious 4 = Severe

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Proper protective equipment should be used.

**SPILLS:** Absorb spilled material using polypads or other suitable absorbent material. Place all spill residue in an appropriate container and seal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations). For spills on water, contain, minimize dispersion and collect. Dispose of recovered material and report spill per regulatory requirements.

## 7. HANDLING and STORAGE

**WORK PRACTICES AND HYGIENE PRACTICES:** Wash thoroughly after handling this product. Use in a well-ventilated location. Remove contaminated clothing.

**STORAGE AND HANDLING PRACTICES:** Keep this and other chemicals out of the reach of children. Store product in properly labeled, closed containers in cool, dry location, away from incompatible materials and sources of ignition. Protect from physical damage. Keep containers closed when not in use.

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation.

**EXPOSURE LIMITS/GUIDELINES:**

Chemical Name	CAS#	ACGIH TWA	OSHA TWA	WEEL
Hematite	1317-60-8	Not Established	Not Established	Not Established
Barium	1103-38-4	Not Established	Not Established	Not Established
Water	7732-18-5	Not Established	Not Established	Not Established

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**RESPIRATORY PROTECTION:** May be required if not able to maintain exposure levels. If exposure limits are exceeded, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Recommended for normal handling and use. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**HAND PROTECTION:** Chemical resistant gloves should be worn for normal handling and use. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

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**BODY PROTECTION:** Wear as appropriate for the application. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

## 9. PHYSICAL and CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

<b>APPEARANCE (Physical State) and COLOR:</b>	Viscous liquid
<b>ODOR:</b>	Characteristic odor
<b>ODOR THRESHOLD:</b>	Mild
<b>pH:</b>	<8
<b>MELTING/FREEZING POINT:</b>	Not Available
<b>BOILING POINT:</b>	Not Available
<b>FLASH POINT:</b>	Not Available
<b>EVAPORATION RATE (n-BuAc=1):</b>	<1
<b>FLAMMABILITY (SOLID, GAS):</b>	Not Applicable
<b>UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:</b>	Not Available
<b>VAPOR PRESSURE (mm Hg @ 20°C (68°F):</b>	Not Available
<b>VAPOR DENSITY:</b>	Not Available
<b>RELATIVE DENSITY:</b>	Not Available
<b>SPECIFIC GRAVITY:</b>	Not Available
<b>SOLUBILITY IN WATER:</b>	Not Available
<b>WEIGHT PER GALLON:</b>	Not Available
<b>PARTITION COEFFICIENT (n-octanol/water):</b>	Not Available
<b>AUTO-IGNITION TEMPERATURE:</b>	Not Available
<b>DECOMPOSITION TEMPERATURE:</b>	Not Available
<b>VISCOSITY:</b>	Not Available
<b>VOC:</b>	Not Available
<b>OTHER INFORMATION:</b>	Not Available

No additional information available at this time.

## 10. STABILITY and REACTIVITY

**STABILITY:** Stable under ordinary conditions of use and storage

**DECOMPOSITION PRODUCTS:** Oxides of carbon, hydrocarbons, fumes or vapors and smoke may form when heated to decomposition.

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** Strong oxidizers and strong acids.

**HAZARDOUS DEPOLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None known

## 11. TOXICOLOGICAL INFORMATION

### TOXICITY DATA:

Chemical Name	CAS#	Oral LD50	Dermal LD50	Inhalation LC50
Hematite	1317-60-8	No Data Available	No Data Available	No Data Available
Barium	1103-38-4	No Data Available	No Data Available	No Data Available
Water	7732-18-5	No Data Available	No Data Available	No Data Available
<b>Acute Oral Toxicity</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>Skin Corrosion / Irritation</b>	<b>Skin Irritant Category 2</b>			
<b>Serious Eye Damage / Irritation</b>	<b>Eye Irritant Category 2</b>			
<b>Respiratory or Skin Sensitization</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>Germ Cell Mutagenicity</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>Carcinogenicity</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>Reproductive Toxicity</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>STOT – Single Exposure</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>STOT – Repeated Exposure</b>	<b>Based on available data, the classification criteria are not met</b>			

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Aspiration Hazard

Based on available data, the classification criteria are not met

## **HEALTH HAZARDS OR RISKS FROM EXPOSURE:**

### **ACUTE:**

**EYE CONTACT:** Eye contact may produce irritation.

**SKIN CONTACT:** Skin contact may produce irritation.

**INHALATION HAZARDS:** Not expected to be an inhalation hazard when used as directed.

**INGESTION HAZARDS:** This material may be harmful if swallowed.

**CHRONIC:** None known

**TARGET ORGANS:** **ACUTE:** Eye, Skin      **CHRONIC:** None known

**SUSPECTED CANCER AGENT** None of the ingredients within this product are found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, or suspected to be, cancer-causing agents by these agencies.

**IRRITANCY OF PRODUCT:** Contact with this product can be irritating to exposed skin and eyes.

**SENSITIZATION OF PRODUCT:** This product is not considered a skin or respiratory sensitizer.

**REPRODUCTIVE TOXICITY INFORMATION:** No information concerning the effects of this product and its components on the human reproductive system.

**Mutagenicity:** The components of this product are not reported to produce mutagenic effects in humans.

**Embryotoxicity:** The components of this product are not reported to produce embryotoxic effects in humans.

**Teratogenicity:** The components of this product are not reported to produce teratogenicity effects in humans

**Reproductive Toxicity:** The components of this product are not reported to produce reproductive effects in humans

## 12. ECOLOGICAL INFORMATION

**ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.**

### **TOXICITY:**

No specific data available on this product.

### **PERSISTENCE AND DEGRADABILITY:**

No specific data available on this product.

### **BIOACCUMULATIVE POTENTIAL:**

No specific data available on this product

### **MOBILITY IN SOIL:**

No specific data available on this product.

### **RESULTS OF PBT AND vPvB ASSESSMENT:**

No specific data available on this product.

### **OTHER ADVERSE EFFECTS:**

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration.

This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water.

Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress in birds and mammals through ingestion during pelage grooming.

No evidence is currently available on this product's effects on aquatic life.

### **WATER ENDANGERMENT CLASS:**

There are no ecotoxicological assessments for this product.

## 13. DISPOSAL CONSIDERATIONS

**PREPARING WASTES FOR DISPOSAL:** Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

## 14. TRANSPORTATION INFORMATION

### **US DOT; IATA; IMO; ADR:**

**THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.**

**PROPER SHIPPING NAME:** Non-Regulated Material

**HAZARD CLASS NUMBER and DESCRIPTION:** None

**UN IDENTIFICATION NUMBER:** None

**PACKING GROUP:** None

**DOT LABEL(S) REQUIRED:** None

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004):** None

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**MARINE POLLUTANT:** None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

**TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:** This product is not classified as Dangerous Goods, per regulations of Transport Canada.

**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):** This product is not classified as Dangerous Goods, by rules of IATA:

**INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:** This product is not classified as Dangerous Goods by the International Maritime Organization.

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):** This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods

## 15. REGULATORY INFORMATION

### **UNITED STATES REGULATIONS:**

**SARA REPORTING REQUIREMENTS** None

**MARINE POLLUTANT** This product contains no component listed as a Marine Pollutant under 49 CFR 172.101, Appendix B.

**TSCA** All components in this product mixture are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

**SARA 311/312:** Acute Health: Yes; Chronic Health: No; Fire: No; Reactivity: No

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None

**U.S. TSCA INVENTORY STATUS:** All of the components of this product are not listed in the TSCA Inventory.

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** This product does not contain a component above the 0.1% level which is listed as a California Proposition 65 chemical.

### **CANADIAN REGULATIONS:**

**CANADIAN DSL/NDSL INVENTORY STATUS:** All of the components of this product are on the DSL Inventory

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** No component of this product is on the CEPA First Priorities Substance Lists.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** Complies with WHMIS 2015

**EUROPEAN ECONOMIC COMMUNITY INFORMATION:** See Section 2 for Details

### **AUSTRALIAN INFORMATION FOR PRODUCT:**

**AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS:** All components of this product are listed on the AICS.

**STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS:** Not applicable.

### **JAPANESE INFORMATION FOR PRODUCT:**

**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

## 16. OTHER INFORMATION

**PREPARED BY:** Paul Eigbrett  
**DATE OF PRINTING:** August 8, 2019

GHS MSDS Compliance PLUS  
(585) 490-9079

All chemicals may pose unknown hazards and should be used with cautions. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, ECO Chemical, Inc assumes no responsibility for the completeness or accuracy of the information contained herein. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment

End of SDS sheet