



## Section I - Chemical & Product Identification

Product Name: Hartland Cyclone Red  
 Product Codes:  
 Product Class: Cleaner  
 Emergency Number: 1-800-424-9300  
 Telephone Number: 1-763-422-0402

Date Prepared: December 16, 2015

Manufacturers Name & Address:  
 Quality Blending Inc.  
 1050 McKinley St  
 Anoka, MN 55303

## Section II – Hazard Identification

### Emergency Overview



Primary Hazards:

Route(s) of Entry: Skin  X                       Ingestion  X                       Inhalation       

Symptoms & Sign of Over Exposure

**Inhalation:** If mist is inhaled, can cause respiratory irritation, burning sensation, coughing, sore throat, and labored breathing.

**Ingestion:** Cause burns to the mouth, throat, esophagus, stomach, and gastrointestinal tract.

**Eye:** Will cause severe irritation and burns. Damage is dependent upon length of exposure and treatment.

**Skin:** Can cause severe irritation or burns depending upon duration of contact.

Carcinogenicity: NTP: No                      IARC Monographs: No                      OSHA Regulated: No

Target Organs: None

Medical Conditions aggravated by Exposure: None known

Health Hazards: Chronic: May cause skin irritation    Acute: Can cause eye burns and severe skin irritation

## Section III – Ingredient Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

| Component           | CAS No      | %    | Exposure limits  |
|---------------------|-------------|------|--|
| Detergents          | proprietary | 5-10 | None established   |
| Sodium metasilicate | 6834-92-0   | 1-5  | TLV:2mg/m <sup>3</sup> dust    PEL:2mg/m <sup>3</sup> dust |
| Sodium hydroxide    | 1310-73-2   | 1-2  | TLV:2mg/m <sup>3</sup> dust    PEL:2mg/m <sup>3</sup> dust |
| Tetrasodium EDTA    | 64-02-8     | 1-5  | None established   |

## Section IV – First Aid Measures

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Remove to fresh air. Get immediate attention for any breathing difficulty. Administer CPR if needed.   |
| <b>Ingestion:</b>    | Give several glasses of water to drink to dilute product. Do not induce vomiting unless directed by a physician. Obtain immediate medical aid or call poison control. During vomiting there is a danger of aspirating liquid into lungs, causing damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty. Gastric lavage should be performed only by qualified medical personnel. |
| <b>Skin Contact:</b> | Immediately flush skin with cool water for at least 15 minutes. Remove contaminated clothing and shoes. Obtain medical attention if irritation develops. Launder clothing before reuse. Thoroughly clean shoes before reuse.   |
| <b>Eye Contact:</b>  | Immediately flush eyes with cool water for at least 15 minutes while lifting upper and lower eyelids occasionally. Remove contact lenses. Continue flushing and get immediate medical attention.   |

## Section V – Fire Fighting Measures

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|---|---|
| <b>Flash Point:</b>                     | Greater than 200°F (open cup)   |
| <b>Unusual fire / Explosion Hazards</b> | Contact with soft metals can form flammable hydrogen gas. High temperatures may create heavy vapors that can settle at ground level or low spots that can be a fire hazard.   |
| <b>Fire Extinguishing Media:</b>        | Use any means suitable for extinguishing surrounding fire. Foam, carbon dioxide, dry chemical, water for, or water may be suitable. Water spray can be used to keep exposed containers cool.  |
| <b>Special Information:</b>             | In the event of a fire, wear full protective gear and NIOSH-approved self-contained breathing apparatus that is appropriate for the primary cause of fire. Containers can melt from the heat of a fire. Prolonged contact with soft metals may produce hydrogen gas which is flammable. |

## Section VI – Accidental Release Measures

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Ventilate area of leak or spill. Wear appropriate protective equipment as specified in Section 8.

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| <b>Spills:</b> | Small spills: Mop thoroughly and rinse with water.<br>Large Spills: Evacuate area. Eliminate ignition sources. Block potential routes to water systems (sewers, streams, etc.) with inert material such as sand or dirt. Containerize for reclamation or disposal. Wash down affected areas with clear water. CERCLA regulations may require reporting spills and releases to soil, water, and air. Call local Emergency Response agency to report spill.<br>Waste Disposal: Contact the proper county, state or federal authorities. |
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## Section VII - Handling & Storage

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### Section VIII – Exposure Control/Personal Protection

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| <b>Airborne Exposure Limits:</b> | See section 3  |
| <b>Ventilation System:</b>       | Local and/or general exhaust is recommended to keep exposure (mists) below limits.   |
| <b>Personal Respirators:</b>     | Not needed under normal use conditions. Where mist is generated and ventilation is not adequate, wear a NIOSH respirator for vapors and mists. |
| <b>Skin Protection:</b>          | Compatible chemical-resistant gloves and clean body-covering clothing. Maintain quick-drench facility in the work area.                        |
| <b>Eye Protection:</b>           | Use chemical safety glasses or goggles. Maintain eye wash fountain in the work area.   |

### Section IX – Physical/Chemical Properties

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**Appearance:**  
Clear blue liquid

**Odor:**  
Slight

**Solubility:**  
Complete

**Specific Gravity:**  
1.05 – 1.06

**pH:**  
12.5 – 13.0

**Boiling Point:**  
Approximately 212°F

**Melting Point:**  
Not applicable

**Vapor Density (Air = 1)**  
3.1

**Vapor Pressure (mm Hg)**  
0.6 mmHg @ 20°C

**Evaporation Rate (H<sub>2</sub>O=1)**  
<1  
**% VOC**  
0.00%

## Section X – Stability & Reactivity

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**Stability:** Stable at room temperature.  
**Hazardous Decomposition Products:** Carbon dioxide or carbon monoxide. Nitrogen oxide, sulfur oxide, irritating vapors, smoke  
**Hazardous Polymerizations:** Will not occur.  
**Incompatibilities:** Strong oxidizers and acids. Soft metal contact can produce hydrogen.  
**Conditions to Avoid:** Heat and incompatibles.

## Section XI – Toxicological Information

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**Carcinogenicity:**  
**Oral:**

**Primary irritant effect:**  
**On the skin:** Slight irritant effect on skin.  
**On the eye:** Irritating effect.

## Section XII – Ecological Information

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**Ecological Fate:** Product is readily biodegradable  
Sodium metasilicate, sodium hydroxide, tetrasodium EDTA: no data  
Detergents: Readily biodegradable  
**Ecological Toxicity:** Sodium metasilicate, sodium hydroxide: No data available  
Tetrasodium EDTA: 96 hr LC50 bluegill sunfish: 490 mg/L (static)  
Detergents: 72 hr EC50 algae: 0.5 mg/L

## Section XIII – Disposal Information

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Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

Dispose of container and unused contents in accordance with federal, state and local requirements.

## Section XIV – Transportation Information

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**DOT Proper Shipping Name:** Refer to bill of lading or container label for DOT and other transportation hazard classification, if any.

## Section XV – Regulatory Information

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NFPA Hazard Identification System Ratings

Health 2

Fire 0

Reactivity 0

## Section XVI – Preparation Data

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Prepared By: Mitchell Boster

Preparation Date: 12-16-2015

Revision Notes: Converted to SDS format

### **Disclaimer:**

Please be advised that it is your responsibility to inform your employees of the hazards of this substance, to advise them of what these properties mean and be sure they understand exposure information. The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. No warranty or guaranty, express or implied, is made regarding performance, stability, or otherwise. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage. Other factors may require additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, the handling and use remains the responsibility of the customer. No suggestions are intended as, and should not be construed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.