# Safety Data Sheet
# Ultra Blue

**SDS Revision Date:** **04/20/2015**

## 1. Identification

**1.1. Product identifier**

| | |
|---|---|
| **Product Identity** | Ultra Blue |
| **Alternate Names** | Liquid Laundry Detergent, Ultra Blue |

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

| | |
|---|---|
| **Intended use** | See Technical Data Sheet. |
| **Application Method** | See Technical Data Sheet. |

**1.3. Details of the supplier of the safety data sheet**

| | |
|---|---|
| **Company Name** | Ridgway Industries, Inc.<br>P.O. Box 660, Darby PA 19023 |
| **Emergency** | |
| **PERS ; Contract # 9107** | |
| **24 hour Emergency Telephone No.** | (800) 633-8253 |
| **Customer Service: Ridgway Industries, Inc.** | (610) 259-5534 |

## 2. Hazard(s) identification

**2.1. Classification of the substance or mixture**

Skin Sens. 1;H317 May cause an allergic skin reaction.

**2.2. Label elements**

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

**Warning**

H317 May cause an allergic skin reaction.

**[Prevention]:**

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P313 Get medical advice / attention.

P321 Specific treatment (see information on this label).

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P363 Wash contaminated clothing before reuse.

**[Storage]:**

No GHS storage statements

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Weight % | GHS Classification | Notes |
|---|---|---|---|
| **Nonylphenol polyethoxylate**<br>**CAS Number: 0009016-45-9** | **10 - 25** | **Eye Dam. 2A;H319**<br>**Skin Irrit. 2;H315**<br>**Aquatic Chronic 2;H411**<br>**Acute Tox. 4;H302** | **[1][3]** |
| **Benzenesulfonic acid, dodecyl-, potassium salt**<br>**CAS Number: 0027177-77-1** | **1.0 - 10** | **Skin Sens. 1;H317**<br>**Eye Dam. 1;H318** | **[1]** |
| **Potassium hydroxide.**<br>**CAS Number: 0001310-58-3** | **1.0 - 10** | **Acute Tox. 4;H302**<br>**Skin Corr. 1A;H314** | **[1][2]** |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.
[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.
[3] PBT-substance or vPvB-substance.
*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

**General** In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

**Inhalation** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eyes** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

**Ingestion** Do NOT induce vomiting. Rinse mouth and slowly drink several glasses of water. Call a physician. Do NOT give anything by mouth to an unconscious or convulsing person.

### 4.2. Most important symptoms and effects, both acute and delayed

**Overview** No specific symptom data available.
See section 2 for further details.

**Eyes** Moderate eye irritant. May cause redness and, tearing and possible conjunctivitis.

**Skin** May cause an allergic skin reaction. May cause redness and drying.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Use standard fire fighting media on surrounding materials including water spray, foam, and carbon dioxide. (Do not use dry chemical extinguisher containing ammonium compounds.)

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Potassium oxides

Avoid breathing dust / fume / gas / mist / vapors / spray.

### 5.3. Advice for fire-fighters

Non flammable

**ERG Guide No.** ----

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to storm sewer or open waterways.

Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes and clothing.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Containers should be stored in a cool, dry, well-ventilated area. Exercise due caution to prevent damage to or leakage from the container. Keep containers closed when not in use.

Incompatible materials: Incompatible with strong oxidizers, leather and halogenated compounds. Product will react with 'soft' metals such as aluminum, tin, magnesium, and zinc releasing flammable hydrogen gas.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

**Exposure**

| CAS No. | Ingredient | Source | Value |
|---|---|---|---|
| 0001310-58-3 | Potassium hydroxide. | OSHA | No Established Limit |
| | | ACGIH | Ceiling: 2 mg/m3 |
| | | NIOSH | C 2 mg/m3 |
| | | Supplier | No Established Limit |
| 0009016-45-9 | Nonylphenol polyethoxylate | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| 0027177-77-1 | Benzenesulfonic acid, dodecyl-, potassium salt | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |

**Carcinogen Data**

| CAS No. | Ingredient | Source | Value |
|---|---|---|---|
| 0001310-58-3 | Potassium hydroxide. | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0009016-45-9 | Nonylphenol polyethoxylate | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0027177-77-1 | Benzenesulfonic acid, dodecyl-, potassium salt | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

### 8.2. Exposure controls

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes** N/A

**Skin** Wear gloves. Gloves must be resistant to corrosive materials. Nitrile or PVC gloves are suitable. Do not use cotton or leather gloves.

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to

maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

| | |
|---|---|
| **Appearance** | Slightly viscous blue Liquid |
| **Odor** | Pleasant |
| **Odor threshold** | Not Measured |
| **pH** | 8.0-9.0 |
| **Melting point / freezing point** | Not Measured |
| **Initial boiling point and boiling range** | 210F |
| **Flash Point** | N/A |
| **Evaporation rate (Ether = 1)** | (water=1): < 1 |
| **Flammability (solid, gas)** | Not Applicable |
| **Upper/lower flammability or explosive limits** | **Lower Explosive Limit:** Not Measured<br>**Upper Explosive Limit:** Not Measured |
| **Vapor pressure (Pa)** | 20 mm Hg @68F |
| **Vapor Density** | (Air=1): > 1 |
| **Specific Gravity** | 1.026 |
| **Solubility in Water** | Complete |
| **Partition coefficient n-octanol/water (Log Kow)** | Not Measured |
| **Auto-ignition temperature** | Not Measured |
| **Decomposition temperature** | Not Measured |
| **Viscosity (cSt)** | Not Measured |
| **% Volatile** | 70+ |

**9.2. Other information**

No other relevant information.

## 10. Stability and reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

Incompatible with strong oxidizers, leather and halogenated compounds. Product will react with 'soft' metals such as aluminum, tin, magnesium, and zinc releasing flammable hydrogen gas.

### 10.4. Conditions to avoid

Excessive heat and open flame.

Sealed containers may develop explosive pressures under fire conditions. Use water to cool containers exposed to fire.

### 10.5. Incompatible materials

Incompatible with strong oxidizers, leather and halogenated compounds. Product will react with 'soft' metals such as aluminum, tin, magnesium, and zinc releasing flammable hydrogen gas.

### 10.6. Hazardous decomposition products

Potassium oxides

## 11. Toxicological information

**Acute toxicity**

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|---|---|---|---|---|---|
| Nonylphenol polyethoxylate - (9016-45-9) | 2,000.00, Rat - Category: 4 | No data available | No data available | No data available | No data available |
| Benzenesulfonic acid, dodecyl-, potassium salt - (27177-77-1) | No data available | No data available | No data available | No data available | No data available |
| Potassium hydroxide. - (1310-58-3) | 365.00, Rat - Category: 4 | No data available | No data available | No data available | No data available |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification | Category | Hazard Description |
|---|---|---|
| Acute toxicity (oral) | --- | Not Applicable |
| Acute toxicity (dermal) | --- | Not Applicable |
| Acute toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | --- | Not Applicable |
| Serious eye damage/irritation | --- | Not Applicable |
| Respiratory sensitization | --- | Not Applicable |
| Skin sensitization | 1 | May cause an allergic skin reaction. |
| Germ cell mutagenicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive toxicity | --- | Not Applicable |

| | | |
|---|---|---|
| STOT-single exposure | --- | Not Applicable |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

## 12. Ecological information

### 12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

**Aquatic Ecotoxicity**

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|---|---|---|---|
| Nonylphenol polyethoxylate - (9016-45-9) | 1.30, Lepomis macrochirus | 4.80, Daphnia pulex | 12.00 (96 hr), Pseudokirchneriella subcapitata |
| Benzenesulfonic acid, dodecyl-, potassium salt - (27177-77-1) | Not Available | Not Available | Not Available |
| Potassium hydroxide. - (1310-58-3) | Not Available | Not Available | Not Available |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

| | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation) | ICAO/IATA |
|---|---|---|---|
| **14.1. UN number** | Not Applicable | Not Regulated | Not Regulated |
| **14.2. UN proper shipping name** | Not Regulated | Not Regulated | Not Regulated |
| **14.3. Transport hazard class(es)** | **DOT Hazard Class:** Not Applicable | **IMDG:** Not Applicable<br>**Sub Class:** Not Applicable | **Air Class:** Not Applicable |
| **14.4. Packing group** | Not Applicable | Not Applicable | Not Applicable |

**14.5. Environmental hazards**

**IMDG** Marine Pollutant: No

**14.6. Special precautions for user**

No further information

## 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** D2B E

**US EPA Tier II Hazards**

**Fire:** No
**Sudden Release of Pressure:** No
**Reactive:** No
**Immediate (Acute):** Yes
**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs (lbs):**

Potassium hydroxide. ( 1,000.00)

**EPCRA 302 Extremely Hazardous:**
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

Potassium hydroxide.

**Pennsylvania RTK Substances (>1%):**

Potassium hydroxide.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.

End of Document