SAFETY DATA SHEET
This SDS complies with 29 CFR 1910.1200 (Hazard Communication Standard)
IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, and users of this product.

1. Identification

1.1. Product identifier
Product Identity: Chlorbrite 10%
Alternate Names: Chlorbrite 10%
Product Code: 440-01

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use: Laundry Bleach
Application Method: See Label Instructions

1.3. Details of the supplier of the safety data sheet
Company Name: Diamond Products Inc.
1216 Bozeman Ave.
Helena, MT 59601

Emergency
24 hour Emergency Telephone No.
Infotrac: 1 800-535-5053
Emergency: (406) 449-6570
Customer Service: Diamond Products Inc.
(406) 449-6570

2. Hazard(s) identification

2.1. Classification of the substance or mixture
Acute Tox. 5;H303: May be harmful if swallowed. (Not adopted by US OSHA)
Skin Irrit. 2;H315: Causes skin irritation.
Eye Dam. 1;H318: Causes serious eye damage.
Aquatic Chronic 2;H411: Toxic to aquatic life with long lasting effects.

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

Danger
H303 May be harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

**[Prevention]:**
P264 Wash thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection / face protection.

**[Response]:**
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P310 Immediately call a POISON CENTER or doctor / physician.
P312 Call a POISON CENTER or doctor / physician if you feel unwell.
P321 Specific treatment (see information on this label).
P331+313 If skin irritation occurs: Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.

**[Storage]:**
No GHS storage statements

**[Disposal]:**
P501 Dispose of contents / container in accordance with local / national regulations.

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### 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.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>GHS Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>50 - 75</td>
<td>Not Classified</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: 0007647-14-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bleaching agent</td>
<td>10 - 25</td>
<td>Ox. Sol. 2;H272</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: Proprietary</td>
<td></td>
<td>Acute Tox. 4;H302</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2;H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aquatic Acute 1;H400</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aquatic Chronic 1;H410</td>
<td></td>
</tr>
<tr>
<td>Conditioning Agent</td>
<td>10 - 25</td>
<td>Not Classified</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: Proprietary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disodium metasilicate</td>
<td>1.0 - 10</td>
<td>Skin Corr. 1B;H314</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: 0006834-92-0</td>
<td></td>
<td>STOT SE 3;H335</td>
<td></td>
</tr>
</tbody>
</table>

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.
*The full texts of the phrases are shown in Section 16.

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### 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. If dusts have been inhaled, seek medical attention immediately.

**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. Dilute product by giving large quantities of water or milk. Call your nearest poison control center for further action and seek medical attention immediately.

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

**Overview**
Inhalation: Dusts may cause severe burning and tissue damage to respiratory tract.
Skin Contact: May cause severe irritation or burning of tissues.
Eye Contact: Causes severe tissue damage leading to potential blindness.
Ingestion: Causes severe burning and tissue damage to mucous membranes of the mouth, throat, esophagus and stomach. Moderately toxic. Acute oral LD50 2000 - 4000 mg/kg (rats)

Signs and Symptoms of Exposure: Burning and irritation in all areas of exposure.
Medical Conditions Generally Aggravated by Exposure: Respiratory conditions
See section 2 for further details.

**Eyes**
Causes serious eye damage.

**Skin**
Causes skin irritation.

**Ingestion**
May be harmful if swallowed. (Not adopted by US OSHA)

5. Fire-fighting measures

5.1. Extinguishing media
Deluge with water.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition: Chlorine, cyanogen chloride, nitrogen trichloride, ammonia, carbon dioxide

5.3. Advice for fire-fighters
Use NIOSH certified gas mask with canister for chlorine, or self-contained breathing apparatus.

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

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
None

6.2. Environmental precautions
Do not allow spills to enter drains or waterways.
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

Sweep up and salvage all that can be salvaged, being certain to wear protective clothing. Neutralize any remaining spilled material with hydrogen peroxide 5%, sodium nitrate, sodium bisulfate or sodium thiosulfate, and flush to sewer.

Dispose of in accordance with local, state and federal regulations.

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## 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid skin contact.

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

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

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Ammonia, amines, ammonium compounds, reducing agents, oxidizable or combustible organics, strong oxidizers, acids, alkalis

Keep opened containers sealed to avoid absorption of moisture. Store in cool, dry area.

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

### 7.3. Specific end use(s)

Laundry Bleach

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## 8. Exposure controls and personal protection

### 8.1. Control parameters

**Exposure**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0006834-92-0</td>
<td>Disodium metasilicate</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>ACHAN TLV/OSHA 2mg/m³/PEL 2mg/m³</td>
</tr>
<tr>
<td>0007647-14-5</td>
<td>Sodium chloride</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Bleaching agent</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Conditioning Agent</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
</tbody>
</table>

**Carcinogen Data**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
8.2. Exposure controls

**Respiratory**
Wear a dust mask if exposed to mists or dust.

**Eyes**
Use chemical goggles.

**Skin**
Safety boots and a rubber apron should be worn when handling this product. Wear plastic or rubber-coated 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>White crystalline Powder</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Chlorine</td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>Not Measured</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>1% solution: 7.5 - 9.0</td>
</tr>
<tr>
<td><strong>Melting point / freezing point</strong></td>
<td>Decomposes</td>
</tr>
<tr>
<td><strong>Initial boiling point and boiling range</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Non-flammable</td>
</tr>
<tr>
<td><strong>Evaporation rate (Ether = 1)</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Upper/lower flammability or explosive limits</strong></td>
<td>Lower Explosive Limit: Not applicable</td>
</tr>
<tr>
<td></td>
<td>Upper Explosive Limit: Not applicable</td>
</tr>
<tr>
<td><strong>Vapor pressure (Pa)</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.26 g/cc</td>
</tr>
<tr>
<td><strong>Solubility in Water</strong></td>
<td>Soluble</td>
</tr>
<tr>
<td><strong>Partition coefficient n-octanol/water (Log Kow)</strong></td>
<td>Not Measured</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
Decomposition temperature  
Viscosity (cSt)  
VOC Content  
Not available  
Not available  
Not available  

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  
No data available.

10.4. Conditions to avoid  
Open storage; excess heat, moisture; combinations with oxidizers or oxidizable materials

10.5. Incompatible materials  
Ammonia, amines, ammonium compounds, reducing agents, oxidizable or combustible organics, strong oxidizers, acids, alkalis

10.6. Hazardous decomposition products  
Chlorine, cyanogen chloride, nitrogen trichloride, ammonia, carbon dioxide

11. Toxicological information

### Acute toxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapor LC50, mg/L/4hr</th>
<th>Inhalation Dust/Mist LC50, mg/L/4hr</th>
<th>Inhalation Gas LC50, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride - (7647-14-5)</td>
<td>3,550.00, Rat - Category: 5</td>
<td>10,000.00, Rabbit - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Bleaching agent - (Proprietary)</td>
<td>490.00, Rat - Category: 4</td>
<td>&gt;2,000.00, Rabbit - Category: 5</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Conditioning Agent - (Proprietary)</td>
<td>3,120.00, Rat - Category: 5</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Disodium metasilicate - (6834-92-0)</td>
<td>1,153.00, Rat - Category: 4</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

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).

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>5</td>
<td>May be harmful if swallowed. (Not adopted by US OSHA)</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
12. Ecological information

12.1. Toxicity
Toxic to aquatic life with long lasting effects.
No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/l</th>
<th>48 hr EC50 crustacea, mg/l</th>
<th>ErC50 algae, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride - (7647-14-5)</td>
<td>1,100.00, Freshwater Fish</td>
<td>3,310.00, Daphnia magna</td>
<td>Not Available</td>
</tr>
<tr>
<td>Bleaching agent - (Proprietary)</td>
<td>0.08, Oncorhynchus mykiss</td>
<td>0.17, Daphnia magna</td>
<td>Not Available</td>
</tr>
<tr>
<td>Conditioning Agent - (Proprietary)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Disodium metasilicate - (6834-92-0)</td>
<td>210.00, Danio rerio</td>
<td>33.53, Ceriodaphnia dubia</td>
<td>400.00 (72 hr), Pseudokirchneriella subcapitata</td>
</tr>
</tbody>
</table>

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 no 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

<table>
<thead>
<tr>
<th>DOT (Domestic Surface Transportation)</th>
<th>IMO / IMDG (Ocean Transportation)</th>
<th>ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

| 14.1. UN number                       | Not Applicable                     |
| 14.2. UN proper shipping name         | Not Regulated                      |

| 14.3. Transport hazard class(es)      | DOT Hazard Class: Not Applicable   |
|                                        | IMDG: Not Applicable               |
|                                        | Sub Class: Not Applicable          |

| 14.5. Environmental hazards           | Marine Pollutant: Yes (Bleaching agent) |

| 14.4. Packing group                   | Not Applicable                      |

**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):**
Conditioning agent (5,000.00)

**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%):**
Bleaching agent

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

- Bleaching agent
- Conditioning agent

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**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:

- H272 May intensify fire; oxidizer.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H410 Very 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.**

The information herein is presented in good faith and believed to be correct as of the date hereof. However, Diamond Products, Inc., makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature with respect to the product or the information herein is made hereunder. Diamond Products, Inc., shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

End of Document