1. Product and company identification

Product Name: DRI BLEACH
UN/ID No.: UN1759 (Contains Sodium Carbonate, Sodium Dichloroisocyanurate)

2. Hazards identification

Appearance: White Powder | Physical State: Solid | Odor: Chlorine Odor

Classification

- Skin corrosion/irritation: Category 1 Sub-category A
- Serious eye damage/eye irritation: Category 1

Signal Word: Danger

Hazard Statement
Danger! Corrosive: Causes irreversible eye damage. May be fatal if inhaled. May cause skin irritation. May cause respiratory tract irritation. Harmful if swallowed. May cause burns to moist skin if not promptly removed.

Aquatic Toxicity: Very toxic to aquatic organisms. Very toxic to aquatic life with long lasting effects.

Precautionary Statements – Preventions
Do not get in Eyes, on Skin or on Clothing. Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only with adequate ventilation, use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection
Keep container closed.

Precautionary Statements – Response
Immediately call A POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing immediately call a POISON CONTROL or doctor/physician
IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician, Rinse mouth, Do not induce vomiting!

Precautionary Statements – Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements – Disposal
Disposed of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>92</td>
</tr>
<tr>
<td>Sodium dichloroisocyanurate</td>
<td>51580-86-0</td>
<td>8</td>
</tr>
</tbody>
</table>

4. First aid measures

Eye contact: Get medical aid immediately. Do NOT allow victim to rub or keep eyes closed. Check for and remove any contact lenses if easy to do so. Immediately flush eyes with running water for at least 30 minutes, keeping eyelids apart. Use cool running water. Do not use an eye ointment.

Skin contact: Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and suitable mechanical device such as a bag and a mask.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 capfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Protection of first-aiders;
Note to physician
Persons with pre-existing skin disorders or impaired respiratory or pulmonary function may be at increased risk to the effects of this substance. Treat symptomatically and supportively.

5. Fire-fighting measures

Flash point: Not applicable
Flammability of the product: This product is not flammable
Extinguishing media:
Suitable: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Non suitable: Water may be ineffective
Special exposure hazards: Oxidizing
Oxygen released in thermal decomposition may support combustion
Contact with combustible material may cause fire
Contact with flammables may cause fire or explosions
Risk of explosion if heated under confinement

Decomposition products: Oxygen
Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus. Fire fighters must wear fire resistant personnel protective equipment
Other information
Keep product and empty containers away from heat and sources of ignition
6. Accidental release measures

**Personal precautions:**
- Keep away from incompatible products
- Keep away from water

**Environmental precautions:**
- Avoid release to the environment. Collect spillage. See section 12 for additional ecological information. Dispose of contents/container to an approved waste disposal plant. Prevent product from entering drains. Do not flush into surface water for sanitary sewer systems.

**Methods for cleaning up**
- Keep unnecessary people away, isolate hazard area and deny entry. DO NOT add water to spilled material. DO NOT use floor sweeping compounds to clean up spills. Sweep and scoop spilled material into clean, dedicated equipment. Every attempt should be made to avoid mixing spilled material with other chemicals or debris when cleaning up. DO NOT attempt to reseal contaminated drums. DO NOT transport wet or damp material. Damp material should be neutralized to a non-oxidizing state. Keep out of water supplies and sewers. Releases should be reported. If required to appropriate agencies.

7. Handling and storage

**Handling:**
- Clean and dry circuits and equipment before any operations
- Never return unused material to storage receptacle
- Containers and equipment used to handle the product should be used exclusively for that product
- Keep away from heat and sources of ignition
- Keep away from water
- Protect from moisture
- Keep away from incompatible products
- Avoid dust formation
- Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray.

**Storage**
- Keep in a dry place
- Keep in a cool, well-ventilated place
- Keep away from direct sunlight
- Keep away from heat
- Keep away from incompatible products.
- The container must be exclusively for the product.
- Keep in container fitted with safety valve or vent
- Keep away from heat/sparks/open flames/hot surfaces

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

**Engineering Controls**
- Apply technical measures to comply with the occupational exposure limits.
- Local exhaust ventilation recommended. Eye wash stations. Showers.

**Individual-protection measures, such as personal protective equipment**

<table>
<thead>
<tr>
<th>Protection</th>
<th>Personal Protection Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye/face protection</strong></td>
<td>Tightly fitting chemical safety goggles must be worn</td>
</tr>
<tr>
<td><strong>Skin and body protection</strong></td>
<td>Rubber gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.</td>
</tr>
<tr>
<td><strong>Respiratory protection</strong></td>
<td>Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Approved/certified dust respirator or equivalent.</td>
</tr>
<tr>
<td><strong>General hygiene considerations</strong></td>
<td>Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.</td>
</tr>
</tbody>
</table>

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
Color | White  
---|---  
**pH** | Approx. 11.2 in 1% Solution  
**Boiling/condensation point** | Not Applicable  
**Solubility in water** | Complete  

### 10. Stability reactivity

| Stability | Potential for exothermic hazard  
Stable under recommended storage conditions  
|---|---  
| Hazardous polymerization |  
| Conditions to avoid | Exposure to moisture  
To avoid thermal decomposition, no not overheat.  
Keep at temperature not exceeding: 55°C (131°F)  
| Materials to avoid | Water, acids, bases, heavy metal salts, reducing agents, organic materials, flammable materials  
| Hazardous decomposition products | Oxygen  

### 11. Toxicological information

Chronic toxicity: No data available

Harmful if swallowed  
Risk of serious damage to eyes  
Irritating to respiratory system and skin

### 12. Ecological information

**Environmental effects:**

- **Acute Toxicity**
  - Fishes, Pimephales promelas, LC50, 7.1mg/l  
  - Fishes, Pimephales promelas, NOEC, 96 h, 7.4 mg/l  
  - Crustaceans, Daphnia pulex, EC50, 4.9 mg/l  
  - Crustaceans, Daphnia pulex, NOEC, 48 h, 2mg/l  

**Remarks:**

- Hazard for the environment is limited due to product properties:  
- Weak persistence of degradation products  
- Does not bioaccumulate

### 13. Disposal considerations

**Waste disposal:**

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

### 14. Transport information
15. Regulatory information

OSHA Regulatory Status:
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

State Regulations
California Proposition 65: This product is not regulated

16. Other information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>B</td>
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</table>

Disclaimer
The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and in not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet