



## SAFETY DATA SHEET

### 1. Product and company identification

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

#### Recommended use of the chemical and restrictions on use

Recommended Use Industrial Powdered Chlorine for use in Laundry Equipment

**Supplier:** Butler Chemicals, Inc.  
3070 E. Ceena CT.  
Anaheim, CA. 92806

**Print date:** May 17, 2015

**Responsible name:** K.B.  
**In case of emergency:** HEALTH EMERGENCIES — SPILL EMERGENCIES  
CALL INFOTRAC 1(800) 535-5053

**Product type:** Mixture

### 2. Hazards identification

<b>Appearance:</b> White Powder	<b>Physical State:</b> Solid	<b>Odor:</b> Chlorine Odor
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#### 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**

<b><u>Name</u></b>	<b><u>CAS number</u></b>	<b><u>%</u></b>
Sodium carbonate	497-19-8	92
Sodium dichloroisocyanurate	51580-86-0	8

### **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

<b>Personal precautions:</b>	Keep away from incompatible products Keep away from water
<b>Environmental precautions:</b>	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.
<b><u>Methods for cleaning up</u></b>	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

<b>Handling:</b>	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.
<b>Storage</b>	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**

<b>Eye/Face Protection</b>	Tightly fitting chemical safety goggles must be worn
<b>Skin and Body Protection</b>	Rubber gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Approved/certified dust respirator or equivalent.
<b>General Hygiene considerations</b>	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.

## 9. Physical and chemical properties

<b>Physical state</b>	Solid
<b>Flash Point</b>	Not Applicable

<b>Color</b>	White
<b>pH</b>	Approx. 11.2 in 1% Solution
<b>Boiling/condensation point</b>	Not Applicable
<b>Solubility in water</b>	Complete

## 10. Stability reactivity

<b>Stability</b>	Potential for exothermic hazard Stable under recommended storage conditions
<b>Hazardous polymerization</b>	
<b>Conditions to avoid</b>	Exposure to moisture To avoid thermal decomposition, no not overheat. Keep at temperature not exceeding: 55°C (131 °F)
<b>Materials to avoid</b>	Water, acids, bases, heavy metal salts, reducing agents, organic materials, flammable materials
<b>Hazardous decomposition products</b>	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, LC50,71mg/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 contact 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

<b>Regulatory Information</b>	<b>UN number</b>	<b>Proper shipping name</b>	<b>Class</b>	<b>PG*</b>
<b>DOT Classification</b>	UN1759	Contains (Sodium Carbonate, Sodium Dichloroisocyanurate)	8	II

\*PG: Packing group

<b>15. Regulatory information</b>
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**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

<b>16. Other information</b>
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<u>HMIS</u>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Personal Protection</b>
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 **Indicates information that has changed from previously issued version.**

**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