Section 1—Chemical Product and Company Identification

Product Identifier: Chl: 20 POWDERED CHLORINE BLEACH

Product Use: Laundry destainer

Supplier: FabriClean, 8301 Ambassador Row, Dallas, Texas 75247, tel 214-826-4161.

Emergency Contact: Chemtrec, 800-424-9300.

Section 2—Hazards Identification

Physical Hazards: Metal Corrosive: 1

Health Hazards: Eye Corrosion: 1

Skin Corrosion: 1

Specific Target Organ Toxicity (Single Exposure): 3

Environmental Hazards: Acute Aquatic Toxicity: 2

Chronic Aquatic Toxicity: 2

Signal Word: DANGER

Symbols:

Hazard Statements: May be corrosive to metals. Causes severe skin burns and serious eye damage. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

Precautionary Statements: Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection. Use only outdoors or in a well-ventilated area. Keep only in original container. Absorb spillage to prevent material damage. Avoid release to the environment.

If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a doctor.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Store in a well-ventilated place. Store locked up. Store in corrosive resistant container with a resistant inner liner.

Dispose of contents and container in accordance with local, regional, national, international regulations.

Other Hazards: None found.

Unknown Ingredients: N/D

Section 3—Information on Ingredients
<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Ingredient Percentage</th>
<th>Ingredient CAS No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Dichloroisocyanurate Dihydrate</td>
<td>10-30</td>
<td>613-030-01-7</td>
</tr>
<tr>
<td>Sodium Metasilicate Anhydrous</td>
<td>5-10</td>
<td>6934-92-0</td>
</tr>
<tr>
<td>Product as a Whole</td>
<td>100</td>
<td>N/D</td>
</tr>
</tbody>
</table>

Section 4—First Aid Measures

Skin contact: If on skin or hair: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If irritation occurs, get medical attention.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Ingestion: If swallowed: Rinse mouth. DO NOT induce vomiting. Call a doctor if you feel unwell.

Inhalation: If inhaled: Get fresh air, administer oxygen or artificial respiration if needed. Call a doctor if you feel unwell.

Most important symptoms/effects, acute and delayed: N/D

Indication of immediate medical attention/special treatment: N/D

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Use media suitable to surrounding fire.

Specific hazard arising from chemicals: N/D

Special equipment and precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid contact with skin and eyes. Do not ingest. Do not inhale. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Avoid release to the environment. Absorb liquid with inert material. Sweep up and place in a container. Material may become slippery. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

Section 7—Handling and Storage

Precautions for safe handling: Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

Cautions for safe storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in corrosive resistant container with a resistant inner liner.

Incompatibilities: N/D

Section 8—Exposure controls/personal protection

Exposure Limits: N/D
Specific Engineering: Not established.


Section 9—Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State: Solid (powder)</th>
<th>Flammability (solid, gas): N/D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color: N/D</td>
<td>Vapor Pressure (mmHg): N/D</td>
</tr>
<tr>
<td>Odor: N/D</td>
<td>Vapor Density (air= 1): N/D</td>
</tr>
<tr>
<td>Odor Threshold: N/D</td>
<td>Relative Density: N/D</td>
</tr>
<tr>
<td>pH: N/D</td>
<td>Solubilities: In water: N/D</td>
</tr>
<tr>
<td>Melting point/freezing Point: N/D</td>
<td>Partition Coefficient: N/D</td>
</tr>
<tr>
<td>Initial Boiling Point and Boiling Range: N/D</td>
<td>Auto-Ignition Temperature: N/D</td>
</tr>
<tr>
<td>Flash Point: N/D</td>
<td>Decomposition Temperature: N/D</td>
</tr>
<tr>
<td>Evaporation Rate: N/D</td>
<td>Viscosity: N/D</td>
</tr>
<tr>
<td>Upper/Lower Flammability or Explosive limits: N/D</td>
<td></td>
</tr>
</tbody>
</table>

Section 10—Stability and Reactivity:

<table>
<thead>
<tr>
<th>Chemical Stability: Stable</th>
<th>Condition to Avoid: DO NOT store in aluminum container. Powder may discolor metal.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity: No specific reactivity test data available for this mixture.</td>
<td>Possibility of Hazardous Reaction: Hazardous Polymerization: N/D</td>
</tr>
<tr>
<td>Incompatible Materials: Avoid contact with strong acids.</td>
<td>Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.</td>
</tr>
</tbody>
</table>

Section 11—Toxicological Information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Dichloroisocyanurate Dihydrate</td>
<td>1,823 mg/kg</td>
<td>N/D</td>
<td>N/D</td>
</tr>
<tr>
<td>Sodium Metasilicate Anhydrous</td>
<td>1,280 mg/kg</td>
<td>N/D</td>
<td>N/D</td>
</tr>
<tr>
<td>Product as a Whole</td>
<td>2,480 mg/kg</td>
<td>N/D</td>
<td>N/D</td>
</tr>
</tbody>
</table>

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: N/D

Effects of Chronic Exposure: N/D

Carcinogenicity: IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: N/D

Section 12—Ecological Information:

Ecotoxicity: Toxic to aquatic life with long lasting effects.

Sodium Dichloroisocyanurate Dihydrate: Fish Toxicity: This material is believed to be highly toxic to
aquatic life. 0.25-1.00 mg/L 96 hours. LC50 Bluegill Sunfish; 0.13-0.36 mL 96 hours LC50 Rainbow Trout; 1.21 mg/L 96 hours LC50 Inland Silverside. Invertebrate Toxicity: 0.196 mg/L 96 hour(s) EC50 Water flea 113 mg/L 24 hour(s) EC50 Mysis Shrimp. Other Toxicity: 1,916 mg/kg oral-Mallard duck LD50; 1732 mg/kg oral-N. Bobwhite Quail LD50;  

**Persistence and degradability:** N/D  
**Bioaccumulative Potential:** N/D  
**Mobility in Soil:** N/D  
**Other Adverse Effects:** N/D  

**Section 13—Disposal Considerations**

Waste Treatment Method: Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

**Section 14—Transport Information**

| UN number: | UN proper shipping name: |
| Transport hazard class(es): | Packing group if applicable: |
| Environmental hazards: | Special precautions: |
| Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): | |

**Section 15—Regulatory Information**

**Section 16—Other Information**

Key to Abbreviations:

| no info | not determined, no information found |
| N/D | not determined, no information found |

Date SDS Prepared: July 1, 2015  
Suggested NFPA rating: N/D  
Suggested HMIS rating: N/D, PPE=N/D. (NPRA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.