SAFETY DATA SHEET

Section 1 - Identification

Product Identifier: HURRAH Premium Grade Lotionized Dishwash Concentrate
Other means of identification: 1101
Recommended use: Detergent.
Recommended restrictions: For commercial and industrial use only.

Manufacturer / Importer / Supplier / Distributor Information
Company Name: National Chemical Laboratories of PA, Inc.
Address: 401 N. 10th Street - Philadelphia, PA 19123
Telephone: 1 (215) 922-1200
Supplier Email: info@nclonline.com
Contact: CHEM-TEL
Emergency Phone: 1 (800) 255-3924

Section 2 - Hazard(s) Identification

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

<table>
<thead>
<tr>
<th>Physical Hazards</th>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Classified</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Health Hazards | Classification\n|----------------|------------------|
|                | Causes serious eye irritation. |

<table>
<thead>
<tr>
<th>OSHA defined hazards</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Classified</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Label Elements</th>
<th>Hazard Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>!</td>
</tr>
</tbody>
</table>

Signal Word: Warning
Hazard Statement: Causes serious eye irritation.
Precautionary statement:
Prevention: Wash thoroughly after handling. Wear eye/face protection.
Response: If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists get medical advice/attention. Take off contaminated clothing and wash before reuse.
Storage: Store away from incompatible materials.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 - Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>Ingredient Name</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sodium dodecylbenzenesulfonate</td>
<td>25155-30-0</td>
<td>5 - 10</td>
</tr>
<tr>
<td></td>
<td>Sodium laureth sulfate</td>
<td>9004-82-4</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

Section 4 - First-aid Measures

Inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms persist.
Skin contact: Wash with plenty of water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
Ingestion: Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Most Important symptoms /effects, acute and delayed: Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
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**Indication of immediate medical attention and special treatment**

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General Information**

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

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**Section 5 - Fire-fighting measures**

| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire-fighting equipment/instructions | Move containers from fire area if you can do it without risk. |
| General fire hazards | Use standard firefighting procedures and consider the hazards of other involved materials. |
| Specific Methods | No unusual fire or explosion hazards noted. |

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**Section 6 - Accidental release measures**

| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| Methods and materials for containment and cleaning up | This product is miscible in water. SMALL SPILLS: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. LARGE SPILLS: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| Environmental precautions | Avoid discharge into drains, water courses or onto the ground. |

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**Section 7 - Handling and storage**

| Precautions for safe handling | Do not breathe mist or vapor. Do not get in eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage. |
| Conditions for safe storage, including any incompatibilities | Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). |

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**Section 8 - Exposure control/personal protection**

| Occupational exposure limits | No exposure limits noted for ingredient(s). |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Appropriate engineering controls | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities must be available when handling this product. |

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

- **Eye/face protection**: If use of product risks exposure to contact, wear safety glasses with side shields.
- **Skin protection**: Impervious gloves are recommended for prolonged use.
- **Hand protection**: If use of product risk exposure to contact, wear suitable protective clothing.
- **Other**: In case of insufficient ventilation, wear suitable respiratory equipment. No personal respiratory protective equipment normally required.
- **Respiratory protection**: Wear appropriate thermal protective clothing when necessary.
- **Thermal hazards**: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

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**Section 9 - Physical and chemical properties**

- **Appearance**: Liquid.
- **Physical state**: Liquid.
- **Form**: Opaque, viscous liquid.
- **Color**: Pink.
- **Odor**: Citrus.
### Odor threshold
Not available.

### pH
7.8

### Melting point/freezing point
Not available.

### Initial boiling point and boiling range
212 °F (100 °C)

### Flash point
> 212.0 °F (> 100.0 °C) Tag Closed Cup

### Evaporation rate
Not available.

### Flammability (solid, gas)
Not available.

### Upper/lower flammability or explosive limits
- **Flammability limit - lower (%):** Not available.
- **Flammability limit - upper (%):** Not available.
- **Explosive limit - lower (%):** Not available.
- **Explosive limit - upper (%):** Not available.

### Vapor pressure
Similar to water.

### Vapor density
Similar to water.

### Relative density
1.02 ± 0.01

### Relative density temperature
75 °F (23.9 °C)

### Solubilities (water)
100% Completely soluble.

### Partition Coefficient
n-octanol/water
Not available

### Auto-ignition temperature
Not Available

### Decomposition temperature
Not Available

### Viscosity
600 cSt

### Viscosity Temperature
75 °F (23.9 °C)

### Section 10 - Stability and reactivity

#### Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

#### Chemical stability
Material is stable under normal conditions.

#### Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

#### Conditions to Avoid
Contact with incompatible materials.

#### Incompatible materials
Strong oxidizing agents.

#### Hazardous Decomposition Products
No hazardous decomposition products are known.

### Section 11 - Toxicological information

#### Information on likely routes of exposure
- **Inhalation:** No adverse effects due to inhalation are expected.
- **Skin contact:** Prolonged or repeated skin contact may cause drying, cracking, or irritation.
- **Eye contact:** Causes serious eye irritation.

#### Symptoms related to the physical, chemical and toxicological characteristics
Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

#### Acute toxicity
Not expected to be acutely toxic.

<table>
<thead>
<tr>
<th>Components</th>
<th>Level</th>
<th>Type</th>
<th>Code</th>
<th>Species</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium laureth sulfate (CAS 9004-82-4)</td>
<td>Acute</td>
<td>Oral</td>
<td>LD50</td>
<td>Rat</td>
<td>1600 mg/kg</td>
</tr>
</tbody>
</table>

#### Skin corrosion/irritation
Prolonged or repeated skin contact may cause drying, cracking, or irritation.

#### Serious eye damage/eye irritation
Causes serious eye irritation.

#### Respiratory sensitization
This product is not expected to cause respiratory sensitization.

#### Skin sensitization
This product is not expected to cause skin sensitization.

#### Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

#### Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

#### Specific target organ toxicity - single exposure
Not classified.

#### Specific target organ toxicity - repeated exposure
Not classified.

#### Aspiration hazard
Not classified.

#### Chronic effects
Prolonged exposure may cause chronic effects.
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Section 12 - Ecological Information

Ecotoxicity
The product contains a substance which is toxic to aquatic organisms.

Component(s)
Sodium dodecylbenzenesulfonate, 25155-30-0

Aquatic

<table>
<thead>
<tr>
<th>Level</th>
<th>Type</th>
<th>Code</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute</td>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Ceriodaphnia dubia)</td>
<td>3.26-14.51 mg/l, 48 hrs.</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
<td>Rainbow trout, donaldson trout</td>
<td>(Oncorhynchus mykiss)</td>
</tr>
</tbody>
</table>

Sodium laureth sulfate, 9004-82-4

Aquatic

<table>
<thead>
<tr>
<th>Level</th>
<th>Type</th>
<th>Code</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute</td>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Ceriodaphnia dubia)</td>
<td>2.43 - 4.01 mg/l, 48 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential

<table>
<thead>
<tr>
<th>Component</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzenesulfonate (CAS 25155-30-0)</td>
<td>0.45</td>
</tr>
</tbody>
</table>

Mobility in soil
Not available.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 - Disposal considerations

Disposal instructions
Dispose in accordance with applicable federal, state, and local regulations.

Local disposal regulations
Dispose in accordance with local regulations.

Hazardous waste code
Waste codes should be assigned by the user based on the application for which the product was used.

Waste from residues / unused products
Dispose in accordance with all applicable regulations.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code
This substance/mixture is not intended to be transported in bulk.

Section 15 - Regulatory Information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

<table>
<thead>
<tr>
<th>Component</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzenesulfonate (CAS 25155-30-0)</td>
<td>LISTED</td>
</tr>
</tbody>
</table>

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories
Immediate Hazard | Yes
Delayed Hazard | No
Fire Hazard | No
Pressure Hazard | No
Reactivity Hazard | No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
Yes

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

Food and Drug Administration (FDA)
Not regulated.

US state regulations
US.Massachusetts RTK - Substance List

Components
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US. New Jersey Worker and Community Right-to-Know Act

Components
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)

US. Pennsylvania RTK - Hazardous Substances

Components
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)

US. Rhode Island RTK

Components
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)

US - California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory Name</th>
<th>On Inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances</td>
<td>Yes</td>
</tr>
<tr>
<td>United States Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates this product complies with the inventory requirements administered by the governing country(s).
*A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 - Other information, including date of preparation or last version

Revision date 1/17/2018
Version # 02
Disclaimer

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer’s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.