SAFETY DATA SHEET

Section 1 - Identification

Product Identifier: WRANGLER Disinfectant Bowl & Porcelain Cleaner
Other means of identification: 1735
Recommended use: Disinfectant Toilet Bowl Cleaner
Recommended restrictions: EPA Registered Product. For Commercial and Industrial Use Only. (RTU) Ready-To-Use solution.

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

Physical Hazards:
- Metal Corrosion: 1

Health Hazards:
- Acute toxicity, oral: 4
- Serious eye damage/eye irritation: 1
- Skin corrosion/irritation: 1B
- Specific target organ toxicity, single exposure: 3

Hazard Statement:
May be corrosive to metals. Causes severe skin burns and eye damage. Harmful if swallowed. May cause respiratory irritation.

Precautionary statement:
Keep only in original container. Use only in a well-ventilated area. Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response:
If swallowed: rinse mouth. Do NOT induce vomiting If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. 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. Specific treatment (see See first aid section of this material safety data sheet on this label). Wash contaminated clothing before reuse.

Storage:
Keep container tightly closed. Store locked up.

Disposal:
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC):
None known.

Section 3 - Composition/Information on ingredients

Mixture
Hazardous Components
- Hydrochloric Acid: CAS # 7647-01-1 % 9.6 - 10.2
- Quaternary Ammonium Chloride compounds: mixture 0.08 - 0.12

Composition Comments:
Components not listed are either non-hazardous or are below reportable limits.

Section 4 - First-aid Measures

Inhalation:
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
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Skin contact
Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

Eye contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Ingestion
Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most Important symptoms /effects, acute and delayed
Corrosive effects. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result. Prolonged or repeated skin contact may aggravate existing skin conditions. Inhalation of mists may aggravate existing chronic respiratory conditions such as asthma, emphysema or bronchitis.

Indication of immediate medical attention and special treatment
Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

General Information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 - Fire-fighting measures

Suitable extinguishing media
RTU product, will not support combustion. Water fog. Foam. Carbon dioxide

Unsuitable extinguishing media
(CO2) Do not use a heavy water stream.

Specific hazards arising from the chemical
During fire, Corrosive vapors and gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if you can do it without risk.

Fire-fighting equipment /instructions
Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

General fire hazards
Insufficient data available on direct fire hazard (flashpoint > 200°C). This product is not flammable or combustible.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.
Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.

Methods and materials for containment and cleaning up
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. 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.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling
Avoid breathing mist or vapor. Do not get in eyes, on skin, or on clothing. 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 locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 - Exposure control/personal protection

Occupational exposure limits
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid (CAS 7647-01-1)</td>
<td>TWA</td>
<td>7 mg/m³, 5 ppm</td>
</tr>
</tbody>
</table>

US. ACGIH  Threshold Limit Values

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid (CAS 7647-01-1)</td>
<td>TLV-C</td>
<td>2ppm, URT irr</td>
</tr>
</tbody>
</table>

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. Eyewash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

<table>
<thead>
<tr>
<th>Protection</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/face protection</td>
<td>Wear safety glasses with side shields (or goggles).</td>
</tr>
<tr>
<td>Skin protection</td>
<td>Wear appropriate chemical resistant gloves.</td>
</tr>
<tr>
<td>Hand protection</td>
<td>If conditions risk exposure, wear suitable protective clothing.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>In case of insufficient ventilation, wear suitable respiratory equipment.</td>
</tr>
</tbody>
</table>

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General hygiene considerations
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.

Section 9 - Physical and chemical properties

Appearance
Physical state: Liquid.
Form: Turbid liquid.
Color: Milky Blue.
Odor: Cherry.
Odor threshold: Not available.
pH: < 2
Melting point/freezing point: No data available.
Initial boiling point and boiling range: No data available.
Flash point: No data available.
Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Flash point: No data available.
Upper/lower flammability or explosive limits
Flammability limit - lower (%): No data available.
Flammability limit - upper (%): No data available.
Explosive limit - lower (%): No data available.
Explosive limit - upper (%): No data available.
Vapor pressure: No data available.
Vapor density: No data available.
Relative density: 1.04 ± 0.01
Relative density temperature: 75 °F (23.89 °C)
Solubilities: Complete
Partition Coefficient n-octanol/water: Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Water: Solubility in water of component(s) of the mixture:
- Hydrochloric Acid: Complete
- Nonylphenoxypoly(ethyleneoxy)ethanol: soluble
- 2-Propanol: Complete
Viscosity: <100 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: Stable under normal conditions.
Possibility of hazardous reactions: Not established.
Conditions to Avoid: Do not mix with other chemicals. Contact with incompatible materials.

Section 11 - Toxicological information

Information on likely routes of exposure
Ingestion: Causes digestive tract burns.
Inhalation: May cause irritation to the respiratory system.
Skin contact: Causes severe skin burns.
Eye contact: Causes serious eye damage.

Information on toxicological effects.
Acute toxicity: May be harmful if swallowed.
Components
- Hydrochloric Acid (CAS 7647-01-1)
  Level: Acute
  Type: Oral
  Code: LD50
  Species: Rat
  Results: 700 mg/kg

Skin corrosion/irritation: Causes severe skin burns and eye damage.
Serious eye damage/eye irritation: Causes serious eye damage.
Respiratory sensitization: Not a respiratory sensitizer.
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Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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

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

Specific target organ toxicity - single exposure
Eyes, Skin, Respiratory system.

Specific target organ toxicity - repeated exposure
Eyes, Skin, Respiratory system.

Aspiration hazard
Not an aspiration hazard.

Section 12 - Ecological Information

Ecotoxicity
Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Aquatic

Component(s)
Hydrochloric Acid (CAS 7647-01-1)

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

Bioaccumulative potential
Not established.

Mobility in soil
Not available.

Mobility in general
May be harmful to plant growth, blooming and fruit formation.

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 product.

Section 13 - Disposal considerations

Disposal instructions
PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL - Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying.

(For containers 5 gallons or less):
Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

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

Section 14 - Transport information

DOT

UN number
UN1903

Proper shipping name
DISINFECTANT LIQUID CORROSIVE, N.O.S. (HYDROCHLORIC ACID, QUATERNARY AMMONIUM COMPOUND)

Transport hazard class(es)
8

Packing group
II

Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.

Special provisions
A3, A6, B3, B15 IB2, N41, T8, TP2, TP12

Packaging exemption
154

Packaging non bulk
202

Packaging bulk
242

IATA

UN number
UN1903

UN proper shipping name
DISINFECTANT LIQUID CORROSIVE, N.O.S. (HYDROCHLORIC ACID, QUATERNARY AMMONIUM COMPOUND)

Transport hazard class(es)
8

Packing group
II

Environmental hazards
No

ERG Code
8L

Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.

Other Information

IMDG

UN number
UN1903
### Special Precautions for User
Read safety instructions, SDS and emergency procedures before handling.

### Environmental Hazards
- **Marine pollutant:** No

### Packaging Group
- **II**

### Transport Hazard Class(es)
- **8**

### UN Proper Shipping Name
**DISINFECTANT LIQUOR CORROSIVE, N.O.S. (HYDROCHLORIC ACID, QUATERNARY AMMONIUM COMPOUND)**

### General Information
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.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

<table>
<thead>
<tr>
<th>Components</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid (CAS 7647-01-1)</td>
<td>LISTED</td>
</tr>
</tbody>
</table>

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard Categories</th>
<th>Immediate Hazard</th>
<th>Delayed Hazard</th>
<th>Fire Hazard</th>
<th>Pressure Hazard</th>
<th>Reactivity Hazard</th>
<th>SARA 302</th>
<th>SARA 311/312 Hazardous chemical</th>
<th>SARA 313 (TRI reporting)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Not listed.</td>
<td>No</td>
<td>Chemical name: Hydrochloric Acid, CAS # 7647-01-1, % by wt.: 9.6 - 10.2</td>
</tr>
</tbody>
</table>

#### Other Federal Regulations

- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List**
  - Components: Hydrochloric Acid (CAS 7647-01-1)

- **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: Hydrochloric Acid (CAS 7647-01-1)

- **US. New Jersey Worker and Community Right-to-Know Act**
  - Components: Hydrochloric Acid (CAS 7647-01-1)

- **US. Pennsylvania RTK - Hazardous Substances**
  - Components: Hydrochloric Acid (CAS 7647-01-1)

- **US. Rhode Island RTK**
  - Components: Hydrochloric Acid (CAS 7647-01-1)

- **US - California Proposition 65**: This product is not known to contain any chemical 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>Unites 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).
SAFETY DATA SHEET

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

Issue date 1/20/2016
Version # 01
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.