SAFETY DATA SHEET

Section 1 - Identification

Product Identifier: Earth Sense® Certified Green Liquid Hand Cleaner
Other means of identification: 4039
Recommended use: Hand soap.
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

Physical Hazards: Not Classified
Health Hazards: Not Classified
OSHA defined hazards: Not Classified

Inhalation: Move to fresh air. Get medical attention if irritation persists.
Skin contact: Wash off with water. Get medical attention if irritation persists.
Eye contact: Rinse with water. Get medical attention if irritation persists.
Ingestion: Rinse mouth. Get medical attention if irritation persists.

Most Important symptoms/effects, acute and delayed: Direct contact with eyes may cause temporary irritation.
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: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 3 - Composition/Information on ingredients

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

Section 4 - First-aid Measures

Inhalation: Move to fresh air. Get medical attention if irritation persists.
Skin contact: Wash off with water. Get medical attention if irritation persists.
Eye contact: Rinse with water. Get medical attention if irritation persists.
Ingestion: Rinse mouth. Get medical attention if irritation persists.

Section 5 - Fire-fighting measures

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.
### 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 touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS. |
| Methods and materials for containment and cleaning up | SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. If a container becomes contaminated, add more inert material and place in a container for chemical waste. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. |
| Environmental precautions | Avoid discharge into drains, water courses or onto the ground. |

### Section 7 - Handling and storage

| Precautions for safe handling | Observe good industrial hygiene practices. |
| Conditions for safe storage, including any incompatibilities | 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 | 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. |

#### 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 | Impervious gloves are recommended for prolonged use. |
| Other | If use of product risks exposure to contact, wear suitable protective clothing. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. No personal respiratory protective equipment normally required. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| 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. |

### Section 9 - Physical and chemical properties

| Appearance | Clear, colorless liquid. |
| Physical state | Liquid. |
| Form | Viscous Liquid. |
| Color | Clear, colorless |
| Odor | Slight, detergent like. |
| Odor threshold | Not available. |
| pH | 6.8 |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | 212 °F (100 °C) |
| Flash point | > 212.0 °F (> 100.0 °C) |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or explosive limits | Not available. |
| 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 | 1.04 ± 0.01 |
SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative density temperature</td>
<td>75 °F (23.9 °C)</td>
</tr>
<tr>
<td>Solubilities (water)</td>
<td>100 % Soluble.</td>
</tr>
<tr>
<td>Partition Coefficient n-octanol/water</td>
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</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not Available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not Available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>2000 cSt</td>
</tr>
<tr>
<td>Viscosity Temperature</td>
<td>75 °F (23.9 °C)</td>
</tr>
</tbody>
</table>

## 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
- **Ingestion**: Expected to be a low ingestion hazard.
- **Inhalation**: No adverse effects due to inhalation are expected.
- **Skin contact**: No adverse effects due to skin contact are expected.
- **Eye contact**: Direct contact with eyes may cause temporary irritation.

### Symptoms related to the physical, chemical and toxicological characteristics
Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

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

#### Skin corrosion/irritation
Prolonged skin contact may cause temporary irritation.

#### Serious eye damage/eye irritation
Direct contact with eyes may cause temporary 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 inhalation may be harmful.

## Section 12 - Ecological Information

#### Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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

#### Bioaccumulative potential
No data available.

#### Mobility in soil
No data available.

#### Mobility in general
No data 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 of 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 This substance/mixture is not intended to be transported in bulk.

Section 15 - Regulatory Information

US federal regulations This product is not known to be 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.
TSa Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard Categories
Immediate Hazard No
Delayed Hazard No
Fire Hazard No
Pressure Hazard No
Reactivity Hazard No
SARA 302 Extremely hazardous substance Not listed.
SARA 311/312 Hazardous chemical No
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 Not regulated.
US. New Jersey Worker and Community Right-to-Know Act Not listed.
US. Pennsylvania RTK - Hazardous Substances Not listed.
US. Rhode Island RTK Not regulated.
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>
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</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
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</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
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</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
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<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
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<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
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<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
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</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances</td>
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</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.