# SAFETY DATA SHEET

## Section 1 - Identification

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>Earth Sense® DUAL-BLEND #5 Degreaser Cleaner RTU (1-32)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>5075 (1-32)</td>
</tr>
<tr>
<td>Recommended use</td>
<td>General purpose cleaner.</td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>For commercial and industrial use only.</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Physical Hazards</th>
<th>Not Classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazards</td>
<td>Not Classified</td>
</tr>
<tr>
<td>OSHA defined hazards</td>
<td>Not Classified</td>
</tr>
</tbody>
</table>

### Label Elements

- **Hazard Symbol**: None.
- **Signal Word**: None
- **Hazard Statement**: Not available.
- **Precautionary statement**
  - Prevention: Observe good industrial hygiene practices.
  - Response: Wash hands after handling.
  - Storage: Store away from incompatible materials.
  - Disposal: Dispose of waste and residues in accordance with local authority requirements.

### Mixture

The components are not hazardous or are below required disclosure limits.

## Section 3 - Composition/Information on ingredients

The mixture is not hazardous and no ingredients are above required disclosure limits.

## Section 4 - First-aid Measures

### Inhalation

Move to fresh air. Get medical attention if irritation persists.

### Skin contact

Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation persists.

### Eye contact

Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation persists.

### Ingestion

Rinse mouth thoroughly with water. Call a physician or poison control center immediately.

### Most Important symptoms/effects, acute and delayed

- **Indication of immediate medical attention and special treatment**
  - Treat symptomatically.
- **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

This material will not burn. Use fire-extinguishing media appropriate for surrounding materials.

### Unsuitable extinguishing media

None known.

### Specific hazards arising from the chemical

None known.
### 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.**

- SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.
- 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.**
Avoid contact with eyes. Use Personal Protective Equipment recommended in section 8 of the SDS.

**Conditions for safe storage, including any incompatibilities.**
Store away from incompatible materials. Keep container closed.

### 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).

**Exposure guidelines.**
Use personal protective equipment as required. Keep working clothes separately.

**Appropriate engineering controls.**
Provide adequate ventilation and minimize the risk of inhalation of vapors and mists. Provide easy access to water supply and eye wash facilities.

**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 risks exposure to contact, wear suitable protective clothing.

- **Other.**
  In case of inadequate ventilation, use respiratory protection.

- **Respiratory protection.**
  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.

**Physical state.**
Liquid.

**Form.**
Liquid.

**Color.**
Red.

**Odor.**
None. No fragrance added.

**Odor threshold.**
9.7 (Diluted 1:32)

**pH.**
9.7 (Diluted 1:32)

**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 applicable.

**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.**
1.01 ± 0.01
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Relative density temperature
75 °F (23.9 °C)

Solubilities (water)
100 % Soluble.

Partition Coefficient
n-octanol/water
Not available.

Auto-ignition temperature
Not available.

Decomposition temperature
Not available.

Viscosity
< 10 cP

Viscosity Temperature
75 °F (23.9 °C)

Section 10 - Stability and reactivity

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

Chemical stability
Stable at normal conditions.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Conditions to Avoid
Contact with incompatible materials.

Incompatible materials
Strong oxidizing agents.

Hazardous Decomposition Products
Carbon oxides.

Section 11 - Toxicological information

Information on likely routes of exposure
- Ingestion: No adverse effects due to ingestion are expected.
- Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- Skin contact: Prolonged or repeated skin contact may cause drying, cracking, or irritation.
- Eye contact: Cause slight eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics
Mild eye irritation. Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Information on toxicological effects.

Acute toxicity
Not expected to be hazardous.

<table>
<thead>
<tr>
<th>Component(s)</th>
<th>Level</th>
<th>Type</th>
<th>Code</th>
<th>Species</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated (CAS 68439-46-3)</td>
<td>Acute</td>
<td>Dermal</td>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 2 g/kg</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated, 68439-46-3</td>
<td>Acute</td>
<td>Oral</td>
<td>LD50</td>
<td>Rat</td>
<td>1378 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Prolonged or repeated contact may dry skin and cause irritation.

Serious eye damage/eye irritation
May cause slight eye irritation.

Respiratory sensitization
Not classified.

Skin sensitization
Not available.

Germ cell mutagenicity
Not classified.

Carcinogenicity
Not classified.

Reproductive toxicity
Not classified.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Not classified.

Aspiration hazard
Not classified.

Section 12 - Ecological Information

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

Component(s)
Alcohols, C9-11, ethoxylated, 68439-46-3

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 (Daphnia magna)</td>
<td>2.9 - 8.5 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>6 - 12 mg/l, 96 hours</td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Flathead minnow (Pimephales promelas)</td>
<td>0.619 - 0.796 mg/l, 96 hours</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability
The product is expected to be biodegradable.

Bioaccumulative potential
Not known.

Mobility in soil
Not available.

Mobility in general
The product is water soluble and may spread in water systems.
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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 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 not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.


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: No

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.

Drug Enforcement Administration (DEA), List 1 2: Not regulated.

Exempt Chemical Mixtures (21 CFR 1310.12(c)): Not regulated.

DEA Exempt Chemical Mixtures Code Number: 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:

Country(s) or region: Australia, Canada, China, Europe, Japan, Korea, New Zealand, Philippines, United States Puerto Rico

Inventory Name:
- Australian Inventory of Chemical Substances (AICS)
- Domestic Substances List (DSL)
- Non-Domestic Substances List (NDSSL)
- Inventory of Existing Chemical Substances in China (IECSC)
- European Inventory of Existing Commercial Chemical Substances (EINECS)
- European List of Notified Chemical Substances (ELINCS)
- Inventory of Existing and New Chemical Substances (ENCS)
- Existing Chemicals List (ECL)
- New Zealand Inventory
- Philippine Inventory of Chemicals and Chemical Substances
- Toxic Substances Control Act (TSCA) Inventory

On Inventory (yes/no)*: Yes, Yes, No, Yes, No, Yes, Yes, Yes, Yes, Yes
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*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

<table>
<thead>
<tr>
<th>Revision date</th>
<th>1/17/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version #</td>
<td>02</td>
</tr>
<tr>
<td>Further information</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
| References          | HSDB® - Hazardous Substances Data Bank
|                     | HPVIS - High Production Volume Information System |
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