SAFETY DATA SHEET

Section 1 - Identification

Product Identifier
Earth Sense® DUAL-BLEND #4 pH Neutral All Purpose Cleaner RTU (1-512)
Other means of identification
5074 (1-512)
Recommended use
General purpose cleaner.
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

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

Hazard(s) not otherwise classified (HNOC)
Not classified.

Section 3 - Composition/Information on ingredients

Mixture
The components are not hazardous or are below 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
Mild eye irritation.

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
Not available.

Specific hazards arising from the chemical
None known.
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Section 6 - Accidental release measures

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

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

Hand protection

Impervious gloves are recommended for prolonged use.

Other

If use of product risk exposure to contact, wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation, use respiratory protection.

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.

Physical state

Liquid.

Form

Liquid.

Color

Colorless.

Odor

None. No fragrance added.

Odor threshold

Not available.

pH

7.0 ± 0.5 (Diluted 1:512)

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

= To Water

Flammability (solid, gas)

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

1.000
Partition Coefficient
n-octanol/water
Not available
Auto-ignition temperature
Not Available
Decomposition temperature
Not Available
Viscosity
Viscosity Temperature

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. Nitrogen oxides.

Section 11 - Toxicological information

Information on likely routes of exposure

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.

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 available.

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.

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></td>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>6 - 12 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>0.619 - 0.796 mg/l, 96 hours</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.

Other adverse effects
None known.

Section 13 - Disposal considerations
**Section 14 - Transport Information**

**General Information**
This product is customer diluted for on site use only. No transportation information is anticipated or provided. The regulatory transport classification of the product without consideration to dilution strength, packaging, quantity, or modal restrictions and exceptions cannot be anticipated. It is the user’s responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

**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.
- TSCA Section 12(b) Export Notification (40 CFR707, 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 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.
  - 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>
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<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>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
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<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
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<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</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>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances</td>
<td>Yes</td>
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<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).
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