SAFETY DATA SHEET

Section 1 - Identification

Product Identifier  Earth Sense® Main Squeeze pH Neutral All Purpose Cleaner (Concentrate)
Other means of identification  4172
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

OSHA defined hazards  Not Classified.

Physical Hazards
  Classification  Not Classified
  Category

Health Hazards
  Classification  Serious eye damage/eye irritation
  Category  2

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

Signal Word  Warning
Hazard Statement  Causes serious eye irritation.
Precautionary statement
  Prevention  Wash thoroughly after handling. Wear eye protection/face protection.
  Response  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
  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

Hazardous Components

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>20 - 35</td>
</tr>
<tr>
<td>D-Glucopyranose, oligomers, decyl octyl glycosides</td>
<td>68515-73-1</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

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  Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion  Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Call a physician or poison control center.

Most Important symptoms /effects, acute and delayed  Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment  Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
### SAFETY DATA SHEET

**Section 5 - Fire-fighting measures**

<table>
<thead>
<tr>
<th>Suitable extinguishing media</th>
<th>This material will not burn. Use fire-extinguishing media appropriate for surrounding materials.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsuitable extinguishing media</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific hazards arising from the chemical</td>
<td>None known.</td>
</tr>
<tr>
<td>Special protective equipment and precautions for firefighters</td>
<td>Self-contained breathing apparatus and full protective clothing must be worn in case of fire.</td>
</tr>
<tr>
<td>Fire-fighting equipment /instructions</td>
<td>Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.</td>
</tr>
</tbody>
</table>

**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 | Do not get in 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 |  |
| Hand protection | Impervious gloves are recommended for prolonged use. |
| Other | If use of product risk exposure to contact, wear suitable protective clothing. |
| Respiratory protection | Respiratory protection is generally not required. No special ventilation is 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. |
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Orange. |
| Odor | None. No fragrance added. |
| Odor threshold | Not available. |
| pH | 7.0 ± 0.5 (Conc) |
| | 7.0 ± 0.5 (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 | 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
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.

**Section 11 - Toxicological information**

Information on likely routes of exposure

Ingestion May be harmful if swallowed.
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 Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics

Causes serious eye irritation. Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Information on toxicological effects

Acute toxicity May be harmful if swallowed.
Skin corrosion/irritation Prolonged or repeated contact may dry skin and cause irritation.
Serious eye damage/eye irritation Causes serious 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></td>
<td>LC50</td>
<td>Flathead 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.
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

Packaging non bulk
not regulated

IATA
not regulated

IMDG
not regulated

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.

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 Yes
Delayed Hazard No
Fire Hazard No
Pressure Hazard No
Reactivity Hazard No

SARA 302 Extremely hazardous substance No

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.

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

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

* 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 |
| Further information | Not available. |
| References | HSDB® - Hazardous Substances Data Bank |
| | HPVIS - High Production Volume Information System |

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.