SAFETY DATA SHEET

Section 1 - Identification

Product Identifier
Earth Sense® GREEN IMPACT Speed Stripper

Other means of identification
1053

Recommended use
Floor stripper.

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

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

<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>Serious eye damage/eye irritation</td>
<td>2</td>
</tr>
<tr>
<td>OSHA defined hazards</td>
<td>Not Classified.</td>
<td></td>
</tr>
</tbody>
</table>

Hazard Symbol

Signal Word
Warning

Hazard Statement
Causes serious eye irritation.

Precautionary statement

Prevention
Wash thoroughly after handling. Wear eye/face protection.

Response
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Storage
Store away from incompatible materials.

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

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Alcohols, C12-13 Ethoxylated</td>
<td>66455-14-9</td>
<td>1 - 5</td>
</tr>
<tr>
<td>2-Amino Ethanol</td>
<td>141-43-5</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
Wash off with soap and water. Get medical attention if irritation persists.

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. 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
Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
SAFETY DATA SHEET

**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 5 - Fire-fighting measures

**Suitable extinguishing media**

**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.

**Special protective equipment and precautions for firefighters**
- Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions**
- Move containers from fire area if you can do it without risk.

**General fire hazards**
- No unusual fire or explosion hazards noted.

**Specific Methods**
- Use standard firefighting procedures and consider the hazards of other involved materials.

### 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. 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. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Isolate area.

**Methods and materials for containment and cleaning up**
- SMALL SPILLAGE: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. LARGE SPILLS: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area 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, on skin, or on clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. 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**
- **US. Workplace environmental Exposure Level (WEEL) Guides**
  - Benzyl Alcohol (CAS 100-51-6)
    - TWA: 44.2 mg/m³, 10 ppm

- **US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**
  - Components
    - 2-Amino Ethanol (CAS 141-43-5)
      - TWA: 6 mg/m³, 3 ppm

- **US. ACGIH Threshold Limit Values**
  - Components
    - 2-Amino Ethanol (CAS 141-43-5)
      - STEL: 6 ppm
      - TWA: 3 ppm

- **US. NIOSH: Pocket Guide to Chemical Hazards**
  - Components
    - 2-Amino Ethanol (CAS 141-43-5)
      - STEL: 15 mg/m³, 6 ppm
      - TWA: 8 mg/m³, 3 ppm

**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. Provide eyewash station. 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**
- If use of product risks exposure to contact, wear safety glasses with side shields.

**Eye/face protection**
- If use of product risks exposure to contact, wear safety glasses with side shields.

Earth Sense® GREEN IMPACT Speed Stripper
Section 9 - Physical and chemical properties

Appearance: Clear.
Physical state: Liquid.
Form: Liquid.
Color: Green.
Odor: Mild aromatic.
Odor threshold: Not available.
P pH: 10.0 ± 0.3 (Conc)
9.8 ± 0.4 (1:2 to 1:16)
Melting point/freezing point: Not available.
Initial boiling point and boiling range: 212 °F (100 °C)
Flash point: None to boiling.
Evaporation rate: Not available.
Flammability (solid, gas): Not available.
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 stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability: Stable at 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: May be harmful if swallowed.
Inhalation: Prolonged inhalation may be harmful.
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
  Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
  Prolonged or repeated exposure may cause liver and kidney damage, these effects have not been observed in humans.

Information on toxicological effects.
Acute toxicity

Components | Level | Type | Code | Species | Results
--- | --- | --- | --- | --- | ---

Earth Sense® GREEN IMPACT Speed Stripper 1053 Page 3 of 6
SAFETY DATA SHEET

2-Amino Ethanol (CAS 141-43-5)  
Acute  Dermal  LD50  Rabbit  1025 mg/kg  
Acute  Oral  LD50  Rat  1715 mg/kg  
Alcohols, C12-13 Ethoxylated (CAS 66455-14-9)  
Acute  Dermal  LD50  Rabbit  3300 mg/kg, 24 Hours  
Acute  Dermal  LD50  Rat  > 2000 mg/kg, 24 Hours  
Acute  Inhalation  LC50  Rat  > 100 mg/m³, 6 Hours  
Benzyl Alcohol (CAS 100-51-6)  
Acute  Dermal  LD50  Rabbit  2000 mg/kg  
Acute  Inhalation  LC100  Rat  200 - 300 mg/l, 8 Hours  
Acute  Inhalation  LC50  Rat  8.8 mg/l, 4 Hours  
Acute  Oral  LD50  Mouse  1150 mg/kg  
Acute  Oral  LD50  Rat  1230 - 3100 mg/kg  
Acute  Other  LD50  Mouse  480 mg/kg  

Skin corrosion/irritation  Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation  Causes serious eye 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  May be harmful if absorbed through skin. Prolonged inhalation may be harmful. Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

Section 12 - Ecological Information

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

Component(s)  2-Amino Ethanol, 141-43-5

Aquatic  
Level  Type  Code  Species  Test Results
Acute  Algae  EC50  Selenastrum capricornutum (new name Pseudokirchneriella subca  2.5 mg/l, 48 hours
Crustacea  EC50  Daphnia magna  65 mg/l, 48 hours
Fish  LC50  Goldfish (Carassius auratus)  170 mg/l, 96 hours
Fish  LC50  Cyprinus carpio  349 mg/l, 96 hours

Alcohols, C12-13 Ethoxylated, 66455-14-9

Aquatic  
Acute  Crustacea  EC50  Water flea (Daphnia magna)  0.39 -0.56 mg/l, 48 hours
Fish  LC50  Flathead minnow (Pimephales promelas)  0.72 -2.7 mg/l, 96 hours

Benzyl Alcohol, 100-51-6

Aquatic  
Acute  Fish  LC50  Bluegill (Lepomis macrochirus)  10 mg/l, 96 hours

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

Partition coefficient n-octanol / water log (Kow)  
Components  Results
2-Amino Ethanol (CAS 141-43-5)  -1.31
Benzyl Alcohol (CAS 100-51-6)  1.1

Mobility in soil  No data available.
Mobility in general  The product is water soluble and may spread in water systems.
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.
**SAFETY DATA SHEET**

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 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.


- Not on regulatory list.

**CERCLA Hazardous Substance List (4 CFR 302.4)**

- Not listed.

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

- Immediate Hazard: Yes
- Delayed Hazard: No
- Fire Hazard: No
- Pressure Hazard: No
- Reactivity Hazard: No
- SARA 302 Extremely hazardous substance: Not listed.
- SARA 311/312 Hazardous chemical: Yes
- SARA 313 (TRI reporting): Not regulated.

**Other federal regulations**

- Clean Air Act (CAA) Section 112 Hazard Air Pollutants (HSPs) List: Not regulated.
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.
- Food and Drug Administration (FDA): Not regulated.

**US state regulations**

- US. Massachusetts RTK - Substance List: Components
  - 2-Amino Ethanol (CAS 141-43-5)
  - Benzyl Alcohol (CAS 100-51-6)
- US. New Jersey Worker and Community Right-to-Know Act: Components
  - 2-Amino Ethanol (CAS 141-43-5)
- US. Pennsylvania RTK - Hazardous Substances: Components
  - 2-Amino Ethanol (CAS 141-43-5)
  - Benzyl Alcohol (CAS 100-51-6)
- US. Rhode Island RTK: Components
  - 2-Amino Ethanol (CAS 141-43-5)
- US - California Proposition 65: Components
  - 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>
<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>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).
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.