SAFETY DATA SHEET

Section 1 - Identification

Product Identifier
Earth Sense® TP #20 Washroom Cleaner (Concentrate)

Other means of identification
4020

Recommended use
Detergent.

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

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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
Wash off with soap and 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
Direct contact with eyes may cause temporary 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
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

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.
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**Section 6 - Accidental release measures**

- **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. Use water spray to keep fire-exposed containers cool.
- **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 7 - Handling and storage**

- **Personal precautions, protective equipment and emergency procedures**: Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
- **Fire-fighting equipment/instructions**: Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.

**GENERAL FIRE HAZARDS**

- **Fire-fighting equipment/instructions**: Use standard firefighting procedures and consider the hazards of other involved materials.
- **Personal precautions, protective equipment and emergency procedures**: Keep unnecessary personnel away. For personal protection, see section 8 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**
    - **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 insufficient ventilation, wear suitable respiratory equipment.
  - **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 liquid.
- **Physical state**: Liquid.
- **Form**: Liquid.
- **Color**: Dark Green.
- **Odor**: Mild. No fragrance added.
- **Odor threshold**: Not available.
- **pH**: 4.5 ± 0.5 (Conc)
  5.1 ± 0.5 (1:20)
- **Melting point/freezing point**: Not relevant.
- **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.
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Relative density: 1.07 ± 0.01
Relative density temperature: 75 °F (23.9 °C)
Solubilities (water): Completely soluble.
Partition Coefficient n-octanol/water: Not available.
Auto-ignition temperature: Not Available.
Decomposition temperature: Not Available.
Viscosity: <10 cSt
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:** 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.

**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.
- **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.
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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.

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 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>
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<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
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<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
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<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
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<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
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<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
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<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
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<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
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<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
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<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>
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<tr>
<td>United States Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
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</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

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