


SAFETY DATA SHEET

Section 1 - Identification

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|---|--|
| Product Identifier | TP #16 Earth Sense [®] pH Neutral All Purpose Cleaner (Concentrate) |
| Other means of identification | 4016 |
| 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

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

| | | Category | Target Organ |
|--|--|----------|--------------|
| Physical Hazards | Not Classified | | |
| Health Hazards | Serious eye damage/eye irritation | 2 | |
| OSHA defined hazards | Not Classified. | | |
| Label Elements | | | |
| Hazard Symbol |  | | |
| 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 | Ingredient Name | CAS # | % |
| | Alcohols, C9-11, ethoxylated | 68439-46-3 | 20 - 35 |
| | D-Glucopyranose, oligomers, decyl octyl glycosides | 68515-73-1 | 1 - 5 |
| Composition Comments | | | |

Section 4 - First-aid Measures

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| 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. |

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| 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 | 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. |
| 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 | |
| Specific Methods | |

Section 6 - Accidental release measures

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| 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

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| 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

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|--|---|
| 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 | Wear safety glasses with side shields (or goggles). |
| Skin protection | |
| Hand protection | Wear protective gloves. Suitable gloves can be recommended by the glove supplier. |
| Other | Wear appropriate chemical resistant 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 | Orange. |
| Odor | None. |
| Odor threshold | Not available. |
| pH (Concentrate) | 7.0 |
| Melting point/freezing point | Not available. |

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| 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 (23.89 °C) |
| Solubilities | 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 (23.89 °C) |

Section 10 - Stability and reactivity

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|------------------------------------|--|
| 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

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|--------------|--|
| 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. |
| Chronic effects | |
| Further information | |

Section 12 - Ecological Information

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| 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. |
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Components

Alcohols, C9-11, ethoxylated, 68439-46-3

Species

Test Results

Aquatic

| EcoName | EcoCode | EcoSpecies | EcoTestResults |
|-----------|---------|---------------------------------------|------------------------------|
| Crustacea | EC50 | Water flea (Daphnia magna) | 2.9 - 8.5 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 6 - 12 mg/l, 96 hours |
| | LC50 | Flathead minnow (Pimephales promelas) | 0.619 - 0.796 mg/l, 96 hours |

Aquatic

| | |
|--------------------------------------|---|
| 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

| | |
|--|---|
| 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

UN number
UN proper shipping name
Transport hazard class(es)
Subsidiary class(es)
Packing group
Special precautions for users
Labels required
Special provisions
Packaging exemption
Packaging non bulk
Packaging bulk

IATA
UN number
UN proper shipping name
Transport hazard class(es)
Subsidiary class(es)
Packaging group
Environmental hazards
Labels required
ERG Code
Special precautions for user

IMDG
UN number
UN proper shipping name
Transport hazard class(es)
Subsidiary class(es)
Packaging group
Environmental hazards
Marine pollutant
Labels required
EmS
Special precautions for user

Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code

General Information

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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.

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|---|-------------------------|
| TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D) | Not regulated. |
| US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) | Not on regulatory list. |
| 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. |
| Safe Drinking Water Act (SDWA) | Not regulated. |
| Food and Drug Administration (FDA) | Not regulated. |

US state regulations 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.

| | |
|---|----------------|
| 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 - Carcinogens Reproductive Toxicity (CRT): Listed substance | Not listed. |

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 |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances | Yes |
| Unites States | Toxic Substances Control Act (TSCA) Inventory | Yes |
| Puerto Rico | | |

*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

| | |
|----------------------------|----------------|
| Issue date | 1/15/2015 |
| Revision date | 1/15/2015 |
| Version # | 02 |
| Further information | Not available. |

List of abbreviations

References HSDB® - Hazardous Substances Data Bank

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