


SAFETY DATA SHEET

Section 1 - Identification

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| Product Identifier | TP #15 Organic Acid HD Restroom Cleaner |
| Other means of identification | 4015 |
| Recommended use | Acidic 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.

| | Classification | Category |
|--|--|-----------------|
| Physical Hazards | Not Classified | |
| Health Hazards | Serious eye damage/eye irritation | 1 |
| | Skin corrosion/irritation | 1 |
| OSHA defined hazards | Not Classified. | |
| Label Elements | | |
| Hazard Symbol |  | |
| Signal Word | Danger | |
| Hazard Statement | Causes severe skin burns and eye damage. | |
| Precautionary statement | | |
| Prevention | Do not breathe mist or vapor. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. | |
| Response | If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse. | |
| Storage | Store locked up. | |
| 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

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| Mixture | | | |
| Hazardous Components | Ingredient Name | CAS # | % |
| | 2-Hydroxyethanoic acid | 79-14-1 | 35 -50 |
| | Citric Acid | 77-92-9 | 10 - 20 |
| | 4-Nonylphenol, branched, ethoxylated | 127087-87-0 | 1 - 5 |

Section 4 - First-aid Measures

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| Inhalation | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist. |
| Skin contact | Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. |
| 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. Call a physician or poison control center immediately. |
| Ingestion | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low |

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| Most Important symptoms /effects, acute and delayed | so that stomach content doesn't get into the lungs. |
| Indication of immediate medical attention and special treatment | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. |
| General Information | Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. |

Section 5 - Fire-fighting measures

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| Suitable extinguishing media | Powder. Alcohol resistant foam. Carbon dioxide (CO ₂). |
| 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

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| Personal precautions, protective equipment and emergency procedures. | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of flow areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. 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. |
| Methods and materials for containment and cleaning up | This product is miscible in water. 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. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| Environmental precautions | Prevent further leakage or spillage if safe to do so. Do not contaminate water. 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 breathe mist or vapor. 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. Use care in handling/storage. |
| Conditions for safe storage, including any incompatibilities | Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). |

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). |
| 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. Eye wash facilities and emergency shower must be available when handling this product. |
| 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. No personal respiratory protective equipment 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

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| Physical state | Liquid. |
| Form | Clear, thin liquid. |
| Color | Dark Blue. |
| Odor | Floral (Sienna™). |
| Odor threshold | Not available. |
| pH | 0.3 |
| 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 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 | 1.24 ± 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

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| Reactivity | Reacts violently with strong alkaline substances. This product may react with reducing agents. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to Avoid | Do not mix with other chemicals. Contact with incompatible materials. |
| Incompatible materials | Bases. Reducing agents. |
| Hazardous Decomposition Products | No hazardous decomposition products are known. |

Section 11 - Toxicological information

Information on likely routes of exposure

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| Ingestion | Causes digestive tract burns. |
| Inhalation | May cause irritation to the respiratory system. |
| Skin contact | Causes severe skin burns. |
| Eye contact | Causes serious eye damage. |

Symptoms related to the physical, chemical and toxicological characteristics Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects.

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| Acute toxicity | May be harmful if swallowed. |
| Skin corrosion/irritation | Causes severe skin burns and eye damage. |
| Serious eye damage/ eye irritation | Causes serious eye damage. |
| Respiratory sensitization | Not a respiratory sensitizer. |
| 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. |

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| Specific target organ toxicity - repeated exposure | Not classified. |
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Prolonged inhalation may be harmful. |

Section 12 - Ecological Information

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| Ecotoxicity | Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems. |
| Persistence and degradability | No data is available on the degradability of this product. |
| Bioaccumulative potential | |
| Partition coefficient n-octanol / water log (Kow) | |
| Components | Results |
| 2-Hydroxyethanoic acid (CAS 79-14-1) | -1.11 |
| 4-Nonylphenol, branched, ethoxylated (CAS 127087-87-0) | 2.1 - 3.4 (Calculated) |
| Mobility in soil | No data available. |
| Mobility in general | 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

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

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|------------------------------|---|
| UN number | UN3265 |
| Proper shipping name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2-HYDROXYETHANOIC ACID) |
| Transport hazard class(es) | 8 |
| Packing group | II |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions | B2, IB2, T11, TP2, TP27 |
| Packaging exemption | 154 |
| Packaging non bulk | 202 |
| Packaging bulk | 242 |

IATA

| | |
|------------------------------|---|
| UN number | UN3265 |
| UN proper shipping name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2-HYDROXYETHANOIC ACID) |
| Transport hazard class(es) | 8 |
| Packaging group | II |
| Environmental hazards | No. |
| ERG Code | 8L |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Other Information | |

IMDG

| | |
|------------------------------|---|
| UN number | UN3265 |
| UN proper shipping name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2-HYDROXYETHANOIC ACID) |
| Transport hazard class(es) | 8 |
| Packaging group | II |
| Environmental hazards | No. |
| Marine pollutant | |
| EmS | F-A, S-B |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

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.

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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. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D) Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

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 Not listed.

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

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.

This material is not know to expose you to a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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 Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*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 1/17/2021

Version # 02

HMIS Hazard Codes PPE A

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.