

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Low pH presoak HD
Description: Low pH Cleaner
Product Code: NTA LPHPS
Suggested Use: Washing Trailers
Restrictions on Use: None

Supplier: NuTech Specialties, Inc.
9811 South 6150 West
West Jordan, UT 84081

Telephone: 801-253-1000 (M-F) 8:00-5:00
Fax: 801-280-0307
Emergency Phone: 800-633-8253

2. HAZARDS IDENTIFICATION

Classification:

GHS Classification: Acute Toxicity 4
Skin Irritation 2
Aspiration Hazard 1
Serious Eye Damage 1

GHS Label Elements

Pictogram:



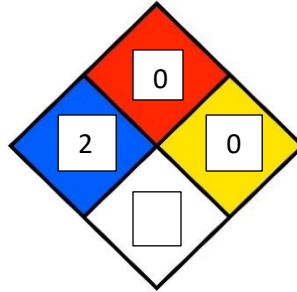
Signal Word: Danger

Hazard Statements: H302 Harmful if Swallowed
H315 Causes Skin Irritation
H318 Causes Serious Eye Damage
H304 May be Fatal if Swallowed and Enters Airways

Precautionary Statements: P301, P312 If SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302, P352 If On SKIN: Gently wash with plenty of soap and water
P305, P351, P338 If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331, P312 Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

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HMIS Classification:



NFPA Rating:

| | |
|---------------------|---|
| Health | 2 |
| Fire | 0 |
| Reactivity | 0 |
| Personal Protection | C |

Potential Health Effects:

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS#</u> | <u>Concentration</u> |
|---|-------------|----------------------|
| Tricarboxylic acid | 77-92-9 | +/-10% |
| Diethylene glycol monobutyl ether (2-(2-butoxyethoxy)ethanol) | 112-34-5 | >5% |

Synonyms:

4. FIRST AID MEASURES

If Inhaled: P301, P312 If SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Skin Contact: P302, P352 If On SKIN: Gently wash with plenty of soap and water

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Eye Contact: P305, P351, P338 If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If Ingested: P331, P312 Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

5. FIREFIGHTING MEASURES

Extinguishing Media: Use water-spray, alcohol resistant foam, dry chemical, or carbon dioxide

Hazardous Combustion Products: Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained.

Special Protective Equipment for Firefighters: In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Always ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided.

Containment and Clean Up: Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Safe Handling: Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation.

Safe Storage: Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

| Component | CAS Number | Exposure Limit | Basis |
|---|------------|----------------|-------|
| Tricarboxylic acid | 77-92-9 | None listed | |
| Diethylene glycol monobutyl ether (2-(2-butoxyethoxy)ethanol) | 112-34-5 | None listed | |

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment

Eye Protection: Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection: Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.

Skin Protection: Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Clear

Odor: Pungent

Odor Threshold: N/A

pH: 1

Melting/Freezing Point: <32°C

Boiling Point: >212°C

Flash Point: None

Evaporation Rate: N/A

Flammability (Solid, Gas): None

Flammability/Explosion Limits: None

Vapor Pressure @ 20°C: N/A

Vapor Density: N/A

Specific Gravity: 1.08

Density: 9 lbs. per gallon

Solubility in Water: Complete

Partition Coefficient: N/A

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Auto Ignition Temperature: None
Decomposition Temperature: N/A
Viscosity @ 40°C: N/A

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions and Materials to Avoid: Oxidizers, Alkalies
Hazardous Decomposition Products: Oxides of Carbonates

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

| Component | CAS Number | Test | Toxicity |
|---|------------|------|-------------|
| Tricarboxylic acid | 77-92-9 | | None listed |
| Diethylene glycol monobutyl ether (2-(2-butoxyethoxy)ethanol) | 112-34-5 | | None listed |

Potential Health Effects

Inhalation: Aspiration hazard
Skin: Severe irritation
Eyes: Corrosive to eyes
Ingestion: Corrosive, aspiration hazard
Signs and Symptoms of Exposure: Burning sensation
Chronic Effects of Long Term Exposure: N/A
Carcinogenicity: None

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

Product: Low pH Presoak HD SDS

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| Component | CAS Number | Organism | Ecotoxicity |
|-----------|------------|----------|-------------|
|-----------|------------|----------|-------------|

Ecological Effects

| | |
|--------------------------------|--------------------------------------|
| Persistence and Degradability: | Not expected to biodegrade |
| Bioaccumulation Potential: | Not expected to bio accumulate |
| Mobility in Soil: | Product will leach into ground water |
| Other Adverse Effects: | Toxic to aquatic life due to pH |

13. DISPOSAL CONSIDERATIONS

| | |
|-------------------------|---|
| Disposal: | Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region. |
| Contaminated Packaging: | Dispose of as unused product. |

14. TRANSPORT INFORMATION

DOT Information

| | |
|---------------------------|---------------|
| Proper Shipping Name: | Not regulated |
| UN Number: | N/A |
| Hazard Class: | N/A |
| Packing Group: | N/A |
| Reportable Quantity (RQ): | N/A |
| Marine Pollutant: | No |
| Note: | |

15. REGULATORY INFORMATION

US Federal

| | |
|-----------------------|---------------------------------|
| SARA 302 Components: | None |
| SARA 311/312 Hazards: | Immediate (acute) health hazard |
| SARA 313 Components: | None |

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TSCA Inventory:

European Union

EC Inventory: Yes- Listed

State Regulations

Utah Clean Air: Yes
California Prop 65: No
C.A.R.B.: Yes

16. OTHER INFORMATION

SDS Version: 2.0
Revision Date: 12/15/2021
Supercedes: New to GHS

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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Validated on: 08/27/2015

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