

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Steam-O-Clean 25
Description: Liquid General Purpose Cleaner
Product Code: NTAL SOC25
Suggested Use: Cleaning Hard Surfaces
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 Oral 5
Skin Irritation 3
Eye Irritation 2a

GHS Label Elements

Pictogram:

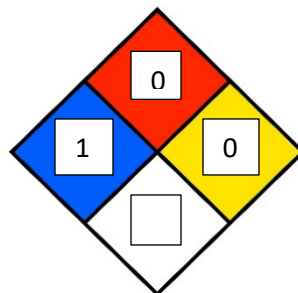


Signal Word: Warning

Hazard Statements: H303, May be Harmful if Swallowed
H315, Causes Skin Irritation
H319, Causes serious eye irritation

Precautionary Statements: P305, P351, P338, If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302, P350, If on SKIN: Gently wash with plenty of soap and water
P301, P312, If SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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HMIS Classification:

NFPA Rating:

| | |
|---------------------|---|
| Health | 1 |
| Fire | 0 |
| Reactivity | 0 |
| Personal Protection | C |

Potential Health Effects:

Causes eye and skin irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS#</u> | <u>Concentration</u> |
|-----------------------------------|-------------|----------------------|
| Tetrapotassium Pyrophosphate | 7320-34-5 | 10-15% |
| Diethylene Glycol Monobutyl Ether | 112-34-5 | 10-15% |

Synonyms:

4. FIRST AID MEASURES

| | |
|---------------|---|
| If Inhaled: | If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced |
| Skin Contact: | Flush skin for 15 minutes with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician. |
| Eye Contact: | Flush eyes for 15 minutes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician. |

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If Ingested: Do not induce vomiting unless instructed to do so by physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult physician.

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. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

| Component | CAS Number | Exposure Limit | Basis |
|-----------|------------|----------------|-------|
| None | | | |

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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: | Clear Liquid |
| Color: | Yellow |
| Odor: | Lemon |
| Odor Threshold: | N/A |
| pH: | 10 |
| Melting/Freezing Point: | 32° F |
| Boiling Point: | 212° F |
| Flash Point: | None |
| Evaporation Rate: | N/A |
| Flammability (Solid, Gas): | Non Flammable |
| Flammability/Explosion Limits: | N/A |
| Vapor Pressure @ 20°C: | N/A |
| Vapor Density: | N/A |
| Specific Gravity: | 1.1 |
| Density: | 9.2 lbs. per gallon |
| Solubility in Water: | Complete |
| Partition Coefficient: | N/A |
| Auto Ignition Temperature: | N/A |
| Decomposition Temperature: | N/A |
| Viscosity @ 40°C: | N/A |

10. STABILITY AND REACTIVITY

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Chemical Stability: Stable under normal conditions
Conditions and Materials to Avoid: Strong acids
Hazardous Decomposition Products: Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute Toxicity- Harmful if swallowed

| Component | CAS Number | Test | Toxicity |
|-----------------------------------|------------|-----------|------------------------------|
| Tetrapotassium Pyrophosphate | 7320-34-5 | Oral LD50 | 2980 mg/kg Slightly toxic |
| Diethylene Glycol Monobutyl Ether | 112-34-5 | N/A | |

Potential Health Effects

Inhalation: None expected
Skin: Irritant
Eyes: Irritant
Ingestion: Harmful if swallowed
Signs and Symptoms of Exposure: Irritation
Chronic Effects of Long Term Exposure: None
Carcinogenicity: None

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

| Component | CAS Number | Organism | Ecotoxicity |
|------------------------------|------------|---------------|-----------------------------------|
| Tetrapotassium Pyrophosphate | 7320-34-5 | Rainbow Trout | 100 mg/1 Practically Non-toxic |

Ecological Effects

Persistence and Degradability: N/A
Bioaccumulation Potential: None expected
Mobility in Soil: Liquid will migrate to water
Other Adverse Effects: N/A

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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:

Hazard Class:

Packing Group:

Reportable Quantity (RQ):

Marine Pollutant:

Note:

15. REGULATORY INFORMATION

US Federal

SARA 302 Components: None

SARA 311/312 Hazards: Acute health

SARA 313 Components: None

TSCA Inventory:

European Union

EC Inventory: Listed materials

State Regulations

Utah Clean Air: Yes

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16. OTHER INFORMATION

SDS Version: 2.0
Revision Date: 8/18/2021
Supersedes: Version 1.0 05/05/2015

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: