



NORTHERN INDUSTRIAL SALES, LLC
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Safety Data Sheet

STEAM CLEANER COMPOUND

Section 1. Identification

Product Use: BIODEGRADABLE DEGREASER FOR PRESSURE WASH AND STEAM CLEANER
Date Issue: 9/27/21 **Supersedes:** 3/19/19

Emergency Telephone Number (U.S.) INFOTRAC 1-800-535-5053
Emergency Telephone Number (International) 1-352-323-3500
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Section 2. Hazard(s) identification

| | | |
|------------------------------|-----------------------------------|-------------|
| Physical hazards | Not classified | |
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2A |
| Environmental hazards | Not classified | |
| OSHA defined hazards | Not classified | |

GHS Label Elements



Hazard pictograms:

Signal Word:

WARNING

Hazard statements:

Causes skin irritation. Causes serious eye irritation.

Precautionary statement

Prevention:

Wash hands, face and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

| | |
|---|--|
| Response: | IF ON SKIN: wash with plenty of water. IF SKIN irritation occurs: Get medical advice/attention. Take off contaminated clothing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. IF eye irritation persists: Get medical advice/attention. |
| Storage: | Not applicable |
| Disposal: | Dispose of container in accordance with local, state, and federal regulations. |
| Hazards Not Otherwise Classified | None known |
| Supplemental information | None |

Section 3. Composition/Information on Ingredients

Mixtures

Hazardous components

1. POTASSIUM HYDROXIDE liquid

Concentration < 4 %

Other names / synonyms CAUSTIC POTASH; LYE; POTASSA; POTASSIUM HYDRATE; potassium hydroxide; Potassium hydroxide (K(OH)); POTASSIUM HYDROXIDE liquid; POTASSIUM HYDROXIDE solution; POTASSIUMHYDROXIDE; UN 1813; UN 1814

EC no. 215-181-3
CAS no. 1310-58-3
Index no. 019-002-00-8

- Acute toxicity (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 1A

H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage

2. SODIUM METASILICATE

Concentration < 4 %

Other names / synonyms DISODIUM METASILICATE; Silicic acid (H₂SiO₃), sodium salt (1:2); Sodium metasilicate

EC no. 229-912-9
CAS no. 6834-92-0
Index no. 014-010-00-8

- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H314 Causes severe skin burns and eye damage
H335 May cause respiratory irritation

Trade secret statement (OSHA 1910.1200(i))

THE IDENTITY OF INDIVIDUAL COMPONENTS OF THIS PRODUCT IS PROPRIETARY INFORMATION AND REGARDED AS A TRADE SECRET. THERE ARE NO KNOWN HAZARDOUS SUBSTANCES PER SARA TITLE III OR TSCA EPA INVENTORY LIST.

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point NONE

Flammable Limits N/A

Flammability Non-Flammable

Fire hazard None

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spills Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container

Disposal Method Dispose of in accordance with state, federal, or local Regulations.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Do not reuse container. Wash thoroughly after handling.

Storage Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C).

Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

8.1 Control parameters

POTASSIUM HYDRATE

Exposure limits

ACGIH TLV (United States).

TWA: 2.5 mg/m³

OSHA PEL (United States). Skin

TWA: 50 ppm 8 hour(s). Form:

Personal Protection



Eyes Safety Goggles.

Body Recommended: Neoprene gloves. Rubber gloves. Nitrile gloves.

Respiratory Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

| | |
|-------------------------------------|------------------------------|
| Boiling Point | 212°F |
| Vapor Pressure (@20°C) | N/A |
| Vapor Density (Air=1) | >1 |
| Solubility in H₂O | Complete |
| Specific Gravity | 1.046 |
| Evaporation Rate (Acetone=1) | <1 |
| pH | 12.5 |
| Appearance and Color | Scarlet Liquid – Fruity Odor |

Section 10. Stability and Reactivity

| | |
|---|--|
| Chemical Stability | Stable |
| Conditions to Avoid | None |
| Materials to Avoid | Strong Acids |
| Hazardous Polymerization | None |
| Hazardous Decomposition Products | Burning may produce carbon monoxide and/or carbon dioxide. |

Section 11. Toxicological Information

Acute Toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|--|--------------|---------|------------|----------|
| SODIUM METASILICATE | LD50 Oral | Rat | 1153 mg/kg | - |
| | LD50 Oral | Mouse | 770 mg/kg | - |
| POTASSIUM HYDROXIDE | LD/LD50 Oral | Rat | 273 mg/kg | - |
| NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL | LD50 Dermal | Rabbit | 2000 mg/kg | - |
| | LD50 Oral | Rat | 3310 mg/kg | - |

Section 12. Ecological Information

| | |
|-------------------------------|---|
| Environmental Effects: | No known significant effects or critical hazards. |
| Aquatic Ecotoxicity: | Not available. |

Section 13. Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream N/A

Section 14. Transport Information

| | |
|----------------------------|---|
| UN or NA Number | None |
| DOT Shipping Name | Cleaning Compound – Non-Regulated Material |
| Reportable Quantity | None |
| Other Precautions | Read entire label before using / Keep out of reach of children. |

Section 15. Regulatory Information**Federal and State Regulations:**

SARA 313 toxic chemical notification and release reporting:

Product Name:

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

HMIS ratings

| | |
|------------------|---|
| Health: | 1 |
| Flammability: | 0 |
| Physical Hazard: | 0 |

NFPA ratings

| | |
|---------------|---|
| Health: | 1 |
| Flammability: | 0 |
| Instability: | 0 |

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