

NuTech Specialties Inc.

SAFETY DATA SHEET

Version: 1.0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Concrete Degreaser

Description: Alkaline Liquid

Product Code: NTAL CD

Suggested Use: Degreaser

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: Skin Corrosion 1
Eye Damage 1
Acute Oral Toxicity 5
Aspiration Hazard 2

GHS Label Elements



Pictogram:

Signal Word: Danger

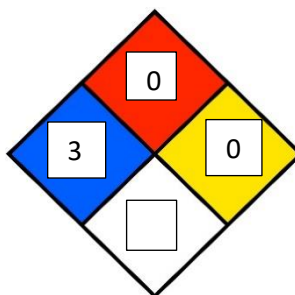
Hazard Statements: H314: Causes severe skin burns and eye damage
H302: Harmful if swallowed
H305: May be harmful if swallowed and enters airways

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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.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P331: Do NOT induce vomiting.

HMIS Classification:



NFPA Rating:

Health	3
Fire	0
Reactivity	0
Personal Protection	C

Potential Health Effects:

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Concentration</u>
Sodium Hydroxide	1310-73-2	8%
Ethylenediaminetetraacetic Acid (EDTA)	64-02-8	6%
Diethylene Glycol Mono Butyl Ether	111-34-5	5%

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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 with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
- Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician.
- 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.

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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
Sodium Hydroxide	1310-73-2	2 mg/m ³	ACGIH

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Ethylenediaminetetraacetic Acid N/A
(EDTA)

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:	Fluorescent Green
Odor:	Mild
Odor Threshold:	N/A
pH:	13
Melting/Freezing Point:	0°C
Boiling Point:	100°C
Flash Point:	None

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Evaporation Rate:	N/A
Flammability (Solid, Gas):	N/A
Flammability/Explosion Limits:	N/A
Vapor Pressure @ 20°C:	N/A
Vapor Density:	N/A
Specific Gravity:	1.1
Density:	9.2 lbs per gal
Solubility in Water:	Soluble
Partition Coefficient:	N/A
Auto Ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity @ 40°C:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions

Conditions and Materials to Avoid: Acids

Hazardous Decomposition Products: Sodium Oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity- Not determined

Component	CAS Number	Test	Toxicity
<u>Ethylenediaminetetraacetic Acid (EDTA)</u>	7732-18-5	Oral Rat	3030 mg/kg
<u>Sodium Hydroxide</u>	1310-73-2	Oral Rat	140-340 mg/kg

Potential Health Effects

Inhalation: Can cause irritation of respiratory tract

Skin: Corrosive to skin

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Eyes: Corrosive to eyes

Ingestion: May cause irritation of GI tract

Signs and Symptoms of Exposure: Irritation of eyes & skin, burning

Chronic Effects of Long Term Exposure: None
Carcinogenicity: No

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
<u>Ethylenediaminetetraacetic Acid (EDTA)</u>	6402-8	Flathead minnow	>100 mg/L
Sodium Hydroxide	1310-73-2	Freshwater fish	45 mg/L

Ecological Effects: Harmful to aquatic environment due to high pH

Persistence and Degradability: Not likely to persist or bio accumulate

Bioaccumulation Potential:

Mobility in Soil: Mobile, due to its solubility

Other Adverse Effects: none

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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

Not regulated by DOT

DOT Information

Proper Shipping Name:

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 Hazard

SARA 313 Components: None

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TSCA Inventory: Yes

European Union

EC Inventory:

State Regulations

Utah Clean Air: Yes

16. OTHER INFORMATION

SDS Version: 1.0

Revision Date: 12/30/2021

Supersedes:

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:

Product: Concrete Degreaser