

310 Wayto Road | Schenectady, NY 12303 ● TEL: 800-283-3888 | FAX: 518-357-9636
EMAIL: moreinfo@sandellmfg.com | www.diedrichtechnologies.com

NEUTRA SOAK “C”

1. PRODUCT DATA

Date of Preparation: March 1, 2015
Product Name: Neutra Soak “C” For Caustics
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Mike Eglin
Telephone: 800-283-3888
24-Hour Emergency Contact: CHEMTREC 800-424-9300
This product is manufactured for Commercial/Industrial use. Not recommended for household use.

2 - HAZARDS IDENTIFICATION

GHS Ratings:

- Skin corrosive 2**
Reversible adverse effects in dermal tissue, Draize score: > = 2.3 <4.0 or persistent inflammation
- Respiratory sensitizer 1**
Respiratory sensitizer
- Skin sensitizer 1**
Skin sensitizer
- Carcinogen 1A**
Known Human Carcinogen Based on human evidence

GHS Hazards

- H315+H320**
Causes skin and eye irritation
- H317** May cause an allergic skin reaction
- H334** May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H350** May cause cancer

GHS Precautions

- P201** Obtain special instructions before use
- P202** Do not handle until all safety precautions have been read and understood
- P261** Avoid breathing dust/fume/gas/mist/vapors/spray
- P264** Wash skin thoroughly after handling
- P272** Contaminated work clothing should not be allowed out of the workplace
- P280** Wear protective gloves/protective clothing/eye protection/face protection
- P281** Use personal protective equipment as required
- P285** In case of inadequate ventilation wear respiratory protection

- P321** Specific treatment (see section 4)
- P362** Take off contaminated clothing and wash before reuse
- P363** Wash contaminated clothing before reuse
- P302+P352**
IF ON SKIN: Wash with soap and water
- P304+P341**
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
- P308+P313**
IF exposed or concerned: Get medical advice/attention
- P332+P313**
If skin irritation occurs: Get medical advice/attention
- P333+P313**
If skin irritation or a rash occurs: Get medical advice/attention
- P342+P311**
Call a POISON CENTER or doctor/physician
- P405** Store locked up
- P501** Dispose of contents/container according to local regulations

Danger



3. COMPOSITION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Silica, amorphous 7631-86-9 25 percent			NIOSH: 6mg/m3 TWA
Sodium metabisulfite 7681-57-4 14 percent		5 mg/m3 TWA	NIOSH: 5mg/m3 TWA
Quartz 14808-60-7 0.7 percent		0.025 mg/m3 TWA (respirable fraction)	NIOSH: 0.05 mg/m3 TWA (respirable dust)

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4. FIRST AID MEASURES

Inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, a trained individual should attempt to resuscitate while getting immediate medical aid.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.

Skin Contact: In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

Ingestion: If conscious, give 2 to 3 glasses of water. Do not induce vomiting and seek medical attention immediately.

Notes to Physician: No data found.

5. FIRE FIGHTING MEASURES

Flammable Limits: LEL: N/A UEL: N/A

Flash Point: No data available.

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Unusual Fire or Explosion Hazards: No data available.

Hazardous Combustion Products: See Section 10 for a list of hazardous decomposition products for this mixture.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Fire Fighting: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk, stay upwind, and avoid run off to waterways and sewers.

SMALL SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Carefully shovel or sweep up spilled material and place in suitable container, avoid generating dust .

LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Carefully shovel or sweep up spilled material and place in suitable container, avoid generating dust.

ACID SPILLS: Neutralize with Soda Ash, (Sodium Carbonate) Hydrated Lime, (Calcium Hydroxide) or Baking Soda (Sodium Bicarbonate). Cautiously neutralize remainder. Then wash away with plenty of water.

7. HANDLING AND STORAGE

Handling Precautions: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containment closed when not in use. Do not handle or store material near heat, sparks, or open flames, or other sources of ignition.

Storage: Prevent from freezing. Store at room temperatures, i.e., 40° to 95°F (4° to 35°C)

Regulatory Requirements: No data found

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Silica, amorphous 7631-86-9			NIOSH: 6mg/m3 TWA
Sodium metabisulfite 7681-57-4		5 mg/m3 TWA	NIOSH: 5mg/m3 TWA
Quartz 14808-60-7		0.025mg/m3 TWA (respirable fraction)	NIOSH: 0.05 mg/m3 TWA (respirable dust)

Engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Control: Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

Administrative controls: No data found.

Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

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Eye Protection: Normal industrial eye protection practices should be employed.

Skin Protection: In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory: If airborne concentration limits are not met, an approved respirator must be worn.

Contaminated Equipment: Dispose of the waste in compliance with federal, state, regional, and local regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point: Not Determined
Freezing point: Not Determined
Solubility: Complete
Boiling range: 2230°C
Flash point: 999 C, 999 F
Evaporation rate: Not Determined
Flammability: Not Determined
Appearance: Gray Powder
Odor: Odorless
Physical State: Liquid
Vapor Pressure: Not Determined
Odor threshold: Not Determined
Vapor Density: Not Determined
Explosive Limits: 0%
Partition coefficient (n-Octanol/water): Not Determined
Autoignition temperature: N/A
Decomposition temperature: Not Determined
Viscosity: Not Determined
Density: 1.120440668

10. STABILITY AND REACTIVITY

Stability: STABLE
Incompatibilities: No data found.
Hazardous Decomposition Products: *Note:* these are all possible decomposition products based on molecular structure of components.
 – Oxides of Sulfur
 – Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity: No data found
Component Toxicity: No data found
Routes of entry: No data found.
Target Organs: Eyes, Skin, and Respiratory System
Effects of Overexposure: No data found.

CAS Number	Description	% Weight	Carcinogen Rating
14808-60-7	Quartz	0.7	Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available for this product.
Component Ecotoxicity:
 Silica, amorphous
 96 Hr LC50 Brachydanio rerio: 5000 mg/L [static]
 48 Hr EC50 Ceriodaphnia dubia: 7600 mg/L
 72 Hr EC50 Pseudokirchneriella subcapitata: 440 mg/L
 Sodium metabisulfite
 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]
 72 Hr EC50 Desmodesmus subspicatus: 48 mg/L; 96 Hr EC50 Desmodesmus subspicatus: 40 mg/L

13. DISPOSAL

Disposal Instructions: Refer to the latest federal, state, and local regulations regarding proper disposal.

14. TRANSPORTATION INFORMATION

The following is for US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

Agency	Proper Shipping Name	UN Number	Packaging Group	Hazard Class
US DOT	NON-REGULATED			

15 - REGULATORY INFORMATION

This listing is to highlight federal level regulation of the product. Individual states, and other nations may have further regulations not listed below.
US DOT List of Marine Pollutants (172.101 - Appendix B): None
US DOT List of Hazardous Substances and Reportable Quantities (172.101 Appendix A): None
US DOT List of Severe Marine Pollutants (172.101 - Appendix B): None
SARA Section 302 Extremely Hazardous Substances (40 CFR 355): None
Sara Section 302 Threshold Planning Quantity: None

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SARA Section 313, Toxic Chemicals (40 CFR 372.65): None

SARA Reportable Quantity: None

EU RISK PHRASES

Toxic Substances Control Act (TSCA): All components are listed or exempt from the Toxic Substances Control Act except those listed below.
- None

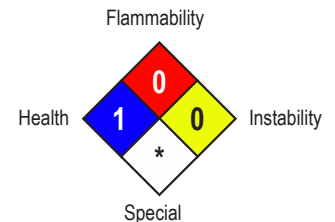
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	E

National Fire Protection Association (NFPA)



HMIS & NFPA Hazard Rating Legend

- * = CHRONIC HEALTH HAZARD
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

LEGEND

0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME

N.D. = NOT DETERMINED N.A. = NOT AVAILABLE N/A = NOT APPLICABLE

DISCLAIMER: While this company believes that the data contained herein are factual and the opinions expressed are based on tests and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by this company as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does this company assume any liability arising out of use, by others, of the product referred to herein. Nor is this information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or governmental regulations.

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