

1. Product and Company Identification

Product Code: 1051
Product Name: RE NU Evaporator Coil Cleaner (Non-Acid)
Company Name: SUNBELT LABORATORIES **Phone Number:**
 P.O. BOX 1563 (281)261-4747
 STAFFORD, TX 77497
Web site address: www.sunbelt-labs.com
Emergency Contact: CHEM-TEL (800)255-3924

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: **Warning**
GHS Hazard Phrases: Causes skin irritation.
 Causes serious eye irritation.
GHS Precaution Phrases: Wash hands thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases: IF ON SKIN: Wash with plenty of soap and water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Specific treatment see ... on this label.
 If skin irritation occurs, get medical advice/attention.
 If eye irritation persists, get medical advice/attention.
 Take off contaminated clothing and wash before re-use.
GHS Storage and Disposal Phrases: No phrases apply.
OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic): Chronic: May cause liver and kidney damage. Sophisticated modeling has clearly proven that 2-butoxyethanol does not build up in the body under any kinds of normal use.
Inhalation: May be harmful if inhaled.
Skin Contact: Causes skin irritation. Harmful if absorbed through the skin. Causes symptoms similar to those of inhalation. Skin sensitization testing with human volunteers produced negative results.
Eye Contact: Causes eye irritation. Causes redness and pain. Causes eye burns.
Ingestion: Harmful if swallowed. May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Causes burns.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
111-76-2	Ethanol, 2-Butoxy-	1.0 -3.0 %	
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	1.01 -4.0 %	
18662-53-8	Nitilotriacetic acid, Trisodium salt monohydrate	0.1 -1.0 %	
7758-29-4	Sodium phosphate, Tribasic	0.5 -2.0 %	



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 Supersedes Revision: 06/14/2015

68025-51-4	Phosphate ester	0.1 -2.0 %	
1310-73-2	Sodium hydroxide	0.1 -1.0 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: Move victim to fresh air.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Consult a physician.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.

Note to Physician: Treat symptomatically and supportively. Consult a physician. Show this safety data sheet to the doctor in attendance.

5. Fire Fighting Measures

Flash Pt: NE Method Used: Not Applicable

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire. Combustible liquid and vapor. Wear self contained breathing apparatus for fire fighting if necessary.

Further information:
The product itself does not burn.

Flammable Properties and Hazards: No data available.

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.

7. Handling and Storage

Precautions To Be Taken in Handling: Use spark-proof tools and explosion proof equipment. Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame. Do not ingest or inhale. Use only in a chemical fume hood. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Precautions To Be Taken in Storing: Keep away from sources of ignition. Store in a cool, dry place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic.



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8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No data.	No data.	No data.
18662-53-8	Nitriilotriacetic acid, Trisodium salt monohydrate	No data.	No data.	No data.
7758-29-4	Sodium phosphate, Tribasic	No data.	No data.	No data.
68025-51-4	Phosphate ester	No data.	No data.	No data.
1310-73-2	Sodium hydroxide	PEL: 2 mg/m ³	CEIL: 2 mg/m ³	No data.

Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Face shield and safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Engineering Controls (Ventilation etc.): Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use only under a chemical fume hood.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: green. Clear. butyl-like.

pH: 13.0

Melting Point: NE - 1.00 C (33.8 F)

Boiling Point: > 212.00 F (100.0 C) / 760 mm Hg.

Flash Pt: NE Method Used: Not Applicable

Evaporation Rate: nd

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): nd

Vapor Density (vs. Air = 1): nd

Specific Gravity (Water = 1): 1.08 at 77.0 F (25.0 C)

Density: ~ nd G/CM³

Solubility in Water: Complete



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Octanol/Water Partition Coefficient: No data.

Percent Volatile: 0.84 % by volume.

Autoignition Pt: NE

Decomposition Temperature: No data.

Viscosity: No data.

Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable []

Conditions To Avoid - Instability: Incompatible materials, ignition sources, No data available.

Incompatibility - Materials To Avoid: Strong oxidizing agents, Aluminum, Lead. Tin/tin oxides, Zinc.

Hazardous Decomposition or Byproducts: Carbon monoxide, formed under fire conditions. Sodium oxides, silicon oxides.

Possibility of Hazardous Reactions: Will occur [] Will not occur []

Conditions To Avoid - Hazardous Reactions: Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information: Epidemiology: No information found.
 Teratogenicity: No information available. Reproductive Effects: Mutagenicity:
 Neurotoxicity:

Carcinogenicity/Other Information: NTP: Not listed.
 IARC: Not listed. Carcinogenicity.
 IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
 ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
 NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
 OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	n.a.	n.a.	n.a.	n.a.
18662-53-8	Nitilotriacetic acid, Trisodium salt monohydrate	Possible	2B	n.a.	n.a.
7758-29-4	Sodium phosphate, Tribasic	n.a.	n.a.	n.a.	n.a.
68025-51-4	Phosphate ester	n.a.	n.a.	n.a.	n.a.
1310-73-2	Sodium hydroxide	n.a.	n.a.	n.a.	n.a.



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12. Ecological Information

No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Waste Disposal Method: RCRA P-Series: None listed.
RCRA U-Series: None listed. Product:
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Sodium hydroxide solution. mixture.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No
18662-53-8	Nitrilotriacetic acid, Trisodium salt monohydrate	No	No	No
7758-29-4	Sodium phosphate, Tribasic	No	Yes 5000 LB	No
68025-51-4	Phosphate ester	No	No	No
1310-73-2	Sodium hydroxide	No	Yes 1000 LB	No

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
111-76-2	Ethanol, 2-Butoxy-	CAA HAP,ODC: HAP TSCA: Inventory
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	TSCA: Inventory
18662-53-8	Nitrilotriacetic acid, Trisodium salt monohydrate	
7758-29-4	Sodium phosphate, Tribasic	TSCA: Inventory
68025-51-4	Phosphate ester	TSCA: Inventory
1310-73-2	Sodium hydroxide	TSCA: Inventory

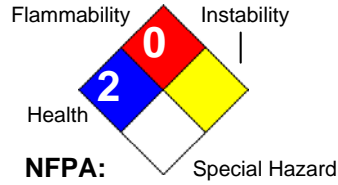
16. Other Information

Revision Date: 06/18/2015
Preparer Name: Technical Director 281-261-4747

Hazard Rating System:

HEALTH		2
FLAMMABILITY	0	
REACTIVITY	1	
PPE		

HMIS:



Additional Information About This Product: No data available.

Company Policy or Disclaimer:

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. There is no assumption of liability for accuracy contained within this information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.