

**Koil Kleen Non Acid Foaming Condenser Coil
Cleaner**

Printed: 06/11/2015

Revision: 06/11/2015

Supersedes Revision: 06/10/2015

1. Product and Company Identification

Product Code: 1820
Product Name: Koil Kleen Non Acid Foaming Condenser Coil Cleaner
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 1A****Serious Eye Damage/Eye Irritation, Category 1****GHS Signal Word:** **Danger****GHS Hazard Phrases:** Causes severe skin burns and eye damage.
Causes serious eye damage.**GHS Precaution Phrases:** Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.**GHS Response Phrases:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical attention/advice.
Immediately call a POISON CENTER or doctor/physician.
Specific treatment see ... on this label.
Wash contaminated clothing before reuse.**GHS Storage and Disposal Phrases:** Store locked up.
Dispose of contents/container to ...**OSHA Regulatory Status:** This material is classified as hazardous under OSHA regulations.**Potential Health Effects (Acute and Chronic):** Prolonged or repeated eye contact may cause conjunctivitis.

Prolonged or repeated skin contact may cause dermatitis.

Chronic: Effects may be delayed.

Inhalation: Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma. Causes chemical burns to the respiratory tract. May cause systemic effects. May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.**Skin Contact:** Causes severe burns with delayed tissue destruction. Causes redness and pain. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.



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May be harmful if absorbed through the skin.

Eye Contact: Causes severe eye burns. May cause irreversible eye injury. Eye damage may be delayed. Causes redness and pain. When substance becomes wet or comes in contact with moisture of the mucous membranes, it will cause irritation.

Ingestion: Harmful if swallowed. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. May cause circulatory system failure. May cause perforation of the digestive tract. Causes severe digestive tract burns with abdominal pain, vomiting, and possible death. May cause systemic effects.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
1310-58-3	Potassium hydroxide	5.0 -15.0 %	
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	1.0 -5.0 %	
18662-53-8	Nitrilotriacetic acid, Trisodium salt monohydrate	< 0.99 %	
61789-40-0	Cocamidopropyl betaine	< 0.99 %	
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	0.01 -3.0 %	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If water-reactive products are embedded in the skin, no water should be applied. The embedded products should be covered with a light oil. 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. Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes).

In Case of Ingestion: Get medical aid immediately. 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. Move out of dangerous area.

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5. Fire Fighting Measures

Flash Pt: NA Method Used: Estimate

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

Autoignition Pt: NA

Suitable Extinguishing Media: Use extinguishing media appropriate to surrounding fire conditions.

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Water reactive. Material will react with water and may release a flammable and/or toxic gas. Wear appropriate protective clothing to prevent contact with skin and eyes. Further information: The product itself does not burn.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Strong acids, Strong oxidants.

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. Do not expose spill to water. Personal precautions. Use personal protective equipment. Environmental precautions. Do not let product enter drains. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale. Do not allow contact with water. Use only in a chemical fume hood. Discard contaminated shoes. Keep from contact with moist air and steam. Provide appropriate exhaust ventilation at places where dust is formed.

Precautions To Be Taken in Storing: Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Corrosives area. Store protected from moisture.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m ³	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No data.	No data.	No data.
18662-53-8	Nitrilotriacetic acid, Trisodium salt monohydrate	No data.	No data.	No data.
61789-40-0	Cocamidopropyl betaine	No data.	No data.	No data.
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	No data.	No data.	No data.



SAFETY DATA SHEET

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11. Toxicological Information

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

Carcinogenicity/Other Information: CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. 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
1310-58-3	Potassium hydroxide	n.a.	n.a.	n.a.	n.a.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	n.a.	n.a.	n.a.	n.a.
18662-53-8	Nitrilotriacetic acid, Trisodium salt monohydrate	Possible	2B	n.a.	n.a.
61789-40-0	Cocamidopropyl betaine	n.a.	n.a.	n.a.	n.a.
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

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.

Contaminated packaging:
 Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Potassium hydroxide, solution. Compounds, cleaning liquid.
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: NA1760 **Packing Group:** II


LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Potassium hydroxide, solution.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Potassium 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)
1310-58-3	Potassium hydroxide	No	Yes 1000 LB	No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No
18662-53-8	Nitritotriacetic acid, Trisodium salt monohydrate	No	No	No
61789-40-0	Cocamidopropyl betaine	No	No	No
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Acute (immediate) Health Hazard
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-58-3	Potassium hydroxide	TSCA: Inventory
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	TSCA: Inventory
18662-53-8	Nitritotriacetic acid, Trisodium salt monohydrate	
61789-40-0	Cocamidopropyl betaine	TSCA: Inventory
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	TSCA: Inventory

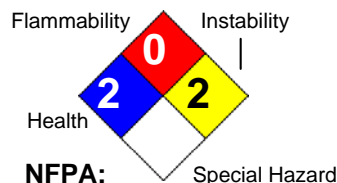
16. Other Information

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Hazard Rating System:

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	0
REACTIVITY	<input type="checkbox"/>	2
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,



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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.