

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

Printed: 12/13/2023

Revision: 03/15/2023

Supersedes Revision: 05/26/2021

**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, Category 1A**  
**Serious Eye Damage, Category 1**



**GHS Signal Word:** **Danger**  
**GHS Hazard Phrases:** Causes severe skin burns and eye damage.  
Causes serious eye damage.  
**GHS Precautionary Phrases:** 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.  
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. 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

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**Ingestion:** with moisture of the mucous membranes, it will cause irritation. 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 <sub>2</sub> SiO <sub>3</sub> ), 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.

**5. Fire Fighting Measures**

**Flash Pt:** NE Method Used: Estimate

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

**Autoignition Pt:** NE

**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** Strong acids, Strong oxidants.



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**Products:**

**6. Accidental Release Measures**

**Steps To Be Taken In Case** Use proper personal protective equipment as indicated in Section 8.

**Material Is Released Or** Do not expose spill to water. Personal precautions.

**Spilled:** 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/m3	No data.
6834-92-0	Silicic acid (H2SiO3), 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.

**Respiratory Equipment (Specify Type):** No data available.

**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.

**Engineering Controls (Ventilation etc.):** Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

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

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## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Yellowish. Caustic Odor.
<b>pH:</b>	14.0
<b>Melting Point:</b>	NE
<b>Boiling Point:</b>	> 212.00 F (100.0 C)
<b>Flash Pt:</b>	NE Method Used: Estimate
<b>Evaporation Rate:</b>	< 1
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	< 1
<b>Vapor Density (vs. Air = 1):</b>	< 1
<b>Specific Gravity (Water = 1):</b>	1.15 at 77.0 F (25.0 C)
<b>Density:</b>	2.1383 G/CM3
<b>Solubility in Water:</b>	Soluble
<b>Octanol/Water Partition Coefficient:</b>	No data.
<b>Percent Volatile:</b>	0.77 % by volume.
<b>Autoignition Pt:</b>	NE
<b>Decomposition Temperature:</b>	No data.
<b>Viscosity:</b>	No data.
<b>Corrosion Rate:</b>	Not established

## 10. Stability and Reactivity

<b>Reactivity:</b>	acids, Contact with acids liberates very toxic gas. Oxidizing agents, Zinc, Incompatible materials.
<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	Contact with acids liberates very toxic gas.
<b>Incompatibility - Materials To Avoid:</b>	Moisture, acids, Strong acids, Lead. Tin/tin oxides, Zinc.
<b>Hazardous Decomposition or Byproducts:</b>	Oxides of potassium, hydrogen gas. formed under fire conditions. Sodium oxides, silicon oxides.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	Product will not undergo polymerization.



# 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 <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	n.a.	n.a.	n.a.	n.a.
18662-53-8	Nitilotriacetic 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:** Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.) Compounds, cleaning liquid.  
**DOT Hazard Class:** 8 CORROSIVE  
**UN/NA Number:** NA1760 **Packing Group:** II



**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.)

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.) 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 NA	No
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), 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:**

- Yes  No Explosive
- Yes  No Flammable (gases, aerosols, liquid, or solid)
- Yes  No Oxidizer (liquid, solid or gas)
- Yes  No Self-reactive
- Yes  No Pyrophoric (liquid or solid)
- Yes  No Pyrophoric gas
- Yes  No Self-heating
- Yes  No Organic peroxide
- Yes  No Corrosive to metal
- Yes  No Gas under pressure (compressed gas)
- Yes  No In contact with water emits flammable gas
- Yes  No Combustible Dust
- Yes  No (Physical) Hazard Not Otherwise Classified (HNOC)
- Yes  No Acute toxicity (any route of exposure)
- Yes  No Skin Corrosion or Irritation
- Yes  No Serious eye damage or eye irritation
- Yes  No Respiratory or Skin Sensitization
- Yes  No Germ cell mutagenicity
- Yes  No Carcinogenicity
- Yes  No Reproductive toxicity
- Yes  No Specific target organ toxicity (single or repeated exposure)
- Yes  No Aspiration Hazard
- Yes  No Simple Asphyxiant
- Yes  No (Health) Hazard Not Otherwise Classified (HNOC)

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-58-3	Potassium hydroxide	CAA HAP, ODC: No CWA NPDES: No

		TSCA: Yes - Inventory CA PROP.65: No
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
18662-53-8	Nitritotriacetic acid, Trisodium salt monohydrate	CAA HAP,ODC: No CWA NPDES: No TSCA: No CA PROP.65: Yes: Canc.
61789-40-0	Cocamidopropyl betaine	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No

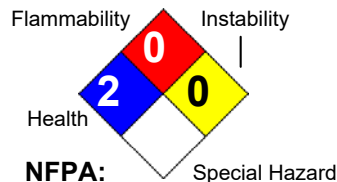
### 16. Other Information

**Revision Date:** 03/15/2023

**Hazard Rating System:**

<b>HEALTH</b>	2
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	2
<b>PPE</b>	

**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.