

1. Product and Company Identification

Product Code:	S109	
Product Name:	POWER KLEEN FLOOR & CONCRETE 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 1B
Eye Irritation, Category 2A



GHS Signal Word:	Danger
GHS Hazard Phrases:	Causes severe skin burns and eye damage. Causes serious eye irritation.
GHS Precautionary Phrases:	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. If eye irritation persists, get medical advice/attention. 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 exposure may cause effects similar to those of acute exposure. Effects may be delayed.
Inhalation:	Harmful if inhaled. Inhalation of a mist of this material may cause respiratory tract irritation.
Skin Contact:	Causes skin irritation. Harmful if absorbed through the skin. Substance is rapidly absorbed through the skin. A skin notation is not recommended by ACGIH, based on estimates from physiologically based pharmacokinetic models which indicate that, even in worst-case dermal-exposure scenarios, 2-butoxyethanol is not absorbed in amounts sufficient to cause red blood cell hemolysis in humans.
Eye Contact:	Causes eye irritation. Causes redness and pain. Contact may cause ulceration of the



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Ingestion: conjunctiva and cornea. Eye damage may be delayed. When substance becomes wet or comes in contact with moisture of the mucous membranes, it will cause irritation. May cause chemical conjunctivitis and corneal damage.

Harmful if swallowed. May cause burns to the digestive tract. Causes gastrointestinal tract burns. 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	
141-43-5	Ethanol, 2-Amino-	2.0 -7.0 %	
27176-87-0	Dodecylbenzenesulfonic acid	1.0 -5.0 %	
111-76-2	Ethanol, 2-Butoxy-	0.1 -5.0 %	
1310-58-3	Potassium hydroxide	1.0 -4.0 %	
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	<=0.99 %	
7758-29-4	Sodium phosphate, Tribasic	< 0.99 %	
1300-72-7	Sodium xylenesulfonate	< 1.25 %	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If breathing is difficult, give oxygen.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

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

Consult a physician. Get medical aid immediately. If victim is fully conscious, give a cupful of water. Call a poison control center.

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

5. Fire Fighting Measures

Flash Pt: NE

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

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Use dry sand or earth to smother fire. Use extinguishing media appropriate to surrounding fire conditions.

Fire Fighting Instructions: Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Use water with caution and in flooding amounts.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Strong oxidants, chlorine.



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6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Personal precautions.
Use personal protective equipment. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas.

Environmental precautions.
Do not let product enter drains.
Methods for cleaning up.
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Avoid runoff into storm sewers and ditches which lead to waterways. Provide ventilation. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Remove all sources of ignition. Use a spark-proof tool. Do not let this chemical enter the environment.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Keep away from sources of ignition - No smoking. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale.

Precautions To Be Taken in Storing: Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in a cool, dry place. Keep container closed when not in use. Keep from contact with oxidizing materials. Corrosives area. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
141-43-5	Ethanol, 2-Amino-	PEL: 3 ppm	TLV: 3 ppm STEL: 6 ppm	No data.
27176-87-0	Dodecylbenzenesulfonic acid	No data.	No data.	No data.
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m3	No data.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.
7758-29-4	Sodium phosphate, Tribasic	No data.	No data.	No data.
1300-72-7	Sodium xylenesulfonate	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Respirator protection is not normally required. NIOSH/MSHA approved respirator.

Eye Protection: Protective garments not normally required. Eye protection is not normally required. Eye wash station in work area.

Protective Gloves: Handle with gloves.

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

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



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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: Clear.
Pleasant Detergent.

pH: 13.5

Melting Point: NE

Boiling Point: > 212.00 F (100.0 C)

Flash Pt: NE

Evaporation Rate: Not established

Flammability (solid, gas): No data available.

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

Vapor Pressure (vs. Air or mm Hg): Not applicable

Vapor Density (vs. Air = 1): Not established

Specific Gravity (Water = 1): 1.038 at 77.0 F (25.0 C)

Solubility in Water: Soluble

Octanol/Water Partition Coefficient: No data.

Percent Volatile: 80.0 % by volume.

Autoignition Pt: NE

Decomposition Temperature: No data.

Viscosity: No data.

Corrosion Rate: Not established

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Exposure to moisture. Incompatible materials, ignition sources, dust generation, Exposure to moist air or water.

Incompatibility - Materials To Avoid: iron, Copper, Strong oxidizing agents, Metals. Aluminum, Moisture, acids.

Hazardous Decomposition or Byproducts: Hazardous decomposition products formed under fire conditions.
Carbon oxides, nitrogen oxides (NOx), Carbon monoxide, oxides of sulfur, Oxides of potassium, hydrogen gas.

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

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



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11. Toxicological Information

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

Carcinogenicity/Other Information: CAS# 27176-87-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.
California: Not listed.
NTP: Not listed.
IARC: Not listed. CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

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

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
141-43-5	Ethanol, 2-Amino-	n.a.	n.a.	n.a.	n.a.
27176-87-0	Dodecylbenzenesulfonic acid	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	n.a.	n.a.
1310-58-3	Potassium hydroxide	n.a.	n.a.	n.a.	n.a.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	n.a.	n.a.	n.a.	n.a.
7758-29-4	Sodium phosphate, Tribasic	n.a.	n.a.	n.a.	n.a.
1300-72-7	Sodium xylenesulfonate	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: ALKYL SULFONIC ACIDS, LIQUID. NOT REGULATED FOR DOMESTIC TRANSPORT. Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.)

DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: ALKYL SULFONIC ACIDS, LIQUID. Not Regulated. Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.)

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)
141-43-5	Ethanol, 2-Amino-	No	No	No
27176-87-0	Dodecylbenzenesulfonic acid	No	Yes NA	No
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
1310-58-3	Potassium hydroxide	No	Yes NA	No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No	No	No
7758-29-4	Sodium phosphate, Tribasic	No	Yes NA	No
1300-72-7	Sodium xylenesulfonate	No	No	No

This material meets the EPA [] Yes [X] No Explosive

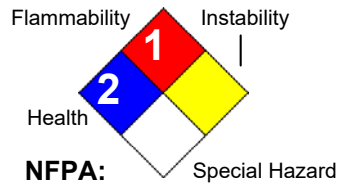
16. Other Information

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Hazard Rating System:

HEALTH		2
FLAMMABILITY	0	
REACTIVITY	1	
PPE		

HMIS:



Additional Information About This Product: No data available.

Company Policy or Disclaimer:

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.