SAFETY DATA SHEET
SL-421 Oven & Grill Cleaner

Printed: 05/26/2021
Revision: 11/08/2019
Supersedes Revision: 06/10/2015

1. Product and Company Identification

Product Code: 4210
Product Name: SL-421 Oven & Grill Cleaner

Company Name: Sunbelt Laboratories
P.O. BOX 1563
Stafford, TX 77497

Phone Number: (281)261-4747

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 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): Chronic: Prolonged or repeated skin contact may cause dermatitis. Prolonged or repeated eye contact may cause conjunctivitis. Effects may be delayed.

Inhalation: Harmful if inhaled. 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.

Skin Contact: May cause deep, penetrating ulcers of the skin. 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.

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. May cause chemical conjunctivitis and corneal damage.

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. May cause systemic effects.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
1310-58-3	Potassium hydroxide	7.0 -17.0 %	
527-07-1	Sodium Gluconate	0.0 -1.0 %	
68025-51-4	Phosphate ester	<=1.0 %	
NA	Components not listed are either non-hazardous or below reportable limits	< 3.0 %	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

In Case of Skin Contact: Call a POISON CENTER or doctor/physician. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes. If water-reactive products are embedded in the skin, no water should be applied. The embedded products should be covered with a light oil.

In Case of Eye Contact: Call a POISON CENTER or doctor/physician if exposed or you feel unwell. 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: Call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person.

Note to Physician: Treat symptomatically and supportively.

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. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

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. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Use water with caution and in flooding amounts. Contact with moisture or water may generate sufficient heat to ignite nearby combustible materials. May ignite or explode on contact with steam or moist air.

Flammable Properties and Hazards: Combustible material: may burn but does not ignite readily. Combustion generates toxic fumes of specify material e.g., hydrogen chloride.

Hazardous Combustion Products: Carbon monoxide, Carbon oxides.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Environmental Precautions: Do not get in eyes, on skin or clothing. APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION.

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Do not expose spill to water.

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. Use only in a chemical fume hood. Discard contaminated shoes.

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.
527-07-1	Sodium Gluconate	No data.	No data.	No data.
68025-51-4	Phosphate ester	No data.	No data.	No data.
NA	Components not listed are either non-hazardous or below reportable limits	No data.	No data.	No data.

Respiratory Equipment (Specify Type): A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. 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.

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.

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

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

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 adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

9. Physical and Chemical Properties

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Clear. Caustic Odor.
pH:	14.0
Melting Point:	NE
Boiling Point:	> 212.00 F (100.0 C)
Flash Pt:	NE Method Used: Estimate
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):	1.15 at 77.0 F (25.0 C)
Density:	2.0440 G/CM3
Solubility in Water:	Complete
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	> 80.0 % by volume.
Autoignition Pt:	NE
Decomposition Temperature:	No data.
Viscosity:	No data.

10. Stability and Reactivity

Reactivity:	Materials containing similar structural groups are normally stable.
Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	Extremes of temperature and direct sunlight.
Incompatibility - Materials To Avoid:	Oxidizing agents. Moisture, acids.
Hazardous Decomposition or Byproducts:	Carbon monoxide, Carbon oxides, hydrogen gas.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
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: 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
1310-58-3	Potassium hydroxide	n.a.	n.a.	n.a.	n.a.
527-07-1	Sodium Gluconate	n.a.	n.a.	n.a.	n.a.
68025-51-4	Phosphate ester	n.a.	n.a.	n.a.	n.a.
NA	Components not listed are either non-hazardous or below reportable limits	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

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.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Compounds, Cleaning Liquid. (Contains Potassium Hydroxide.)
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.)

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
527-07-1	Sodium Gluconate	No	No	No
68025-51-4	Phosphate ester	No	No	No
NA	Components not listed are either non-hazardous or below reportable limits	No	No	No

This material meets the EPA 'Hazard Categories' defined [ ] Yes [X] No Explosive
[ ] Yes [X] No Flammable (gases, aerosols, liquid, or solid)

for SARA Title III Sections 311/312 as indicated:	[ ] Yes [X] No	Oxidizer (liquid, solid or gas)
	[ ] Yes [X] No	Self-reactive
	[ ] Yes [X] No	Pyrophoric (liquid or solid)
	[ ] Yes [X] No	Pyrophoric gas
	[ ] Yes [X] No	Self-heating
	[ ] Yes [X] No	Organic peroxide
	[ ] Yes [X] No	Corrosive to metal
	[ ] Yes [X] No	Gas under pressure (compressed gas)
	[ ] Yes [X] No	In contact with water emits flammable gas
	[ ] Yes [X] No	Combustible Dust
	[ ] Yes [X] No	(Physical) Hazard Not Otherwise Classified (HNOC)
	[ ] Yes [X] No	Acute toxicity (any route of exposure)
	[X] Yes [ ] No	Skin Corrosion or Irritation
	[X] Yes [ ] No	Serious eye damage or eye irritation
	[ ] Yes [X] No	Respiratory or Skin Sensitization
	[ ] Yes [X] No	Germ cell mutagenicity
	[ ] Yes [X] No	Carcinogenicity
	[ ] Yes [X] No	Reproductive toxicity
	[ ] Yes [X] No	Specific target organ toxicity (single or repeated exposure)
	[ ] Yes [X] No	Aspiration Hazard
	[ ] Yes [X] No	Simple Asphyxiant
	[ ] Yes [X] 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
527-07-1	Sodium Gluconate	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
68025-51-4	Phosphate ester	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
NA	Components not listed are either non-hazardous or below reportable limits	CAA HAP,ODC: No CWA NPDES: No TSCA: No CA PROP.65: No

16. Other Information

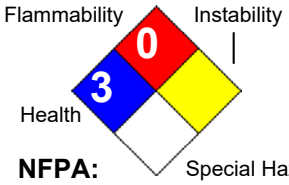
Revision Date: 11/08/2019

Hazard Rating System:

HMIS:

HEALTH	3
FLAMMABILITY	0
REACTIVITY	2
PPE	

NFPA:



Additional Information About This Product: No data available.

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