

## LAZER

## 1. Product and Company Identification

Product Code: 4283  
 Product Name: LAZER  
 Revision: 07/19/2017  
 Supersedes Revision: 01/30/2015

## Manufacturer Information:

Company Name: PDQ Manufacturing, Inc. Phone Number: (706)636-1848  
 201 Victory Circle

Ellijay, GA 30540

Web site address: www.pdqonline.com

Emergency Contact: Chemtrec, Reference: CCN203605 (800)424-9300  
 Information: info@pdqonline.com (706)636-1848

## Supplier Name and Address:

Company Name: PDQ MANUFACTURING, INC. Phone Number: 706/636-1848  
 201 VICTORY CIRCLE

ELLIJAY, GA 30540

## 2. Hazards Identification

Skin Corrosion/Irritation, Category 1A

Aquatic Toxicity (Acute), Category 2



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H314 - Causes severe skin burns and eye damage.  
 H401 - Toxic to aquatic life.

**GHS Precaution Phrases:** P264 - Wash hands thoroughly after handling.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves and eye protection.

**GHS Response Phrases:** P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.  
 P310 - Immediately call a POISON CENTER or doctor/physician.  
 P321 - Specific treatment see appropriate section of the SDS.  
 P363 - Wash contaminated clothing before reuse.

**GHS Storage and Disposal Phrases:** P405 - Store locked up.  
 P501 - Dispose of contents/container to trash after rinsing container.

**SAFETY DATA SHEET****LAZER****Potential Health Effects****(Acute and Chronic):**

<b>Inhalation:</b>	Harmful if inhaled. Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma.
<b>Skin Contact:</b>	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.
<b>Eye Contact:</b>	Causes severe eye burns. May cause irreversible eye injury. Causes redness and pain.
<b>Ingestion:</b>	Harmful if swallowed. Causes gastrointestinal tract burns.

**3. Composition/Information on Ingredients**

<b>CAS #</b>	<b>Hazardous Components (Chemical Name)</b>	<b>Concentration</b>
1310-58-3	Potassium hydroxide {Caustic potash}	10.0 -15.0 %
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	1.0 -5.0 %

**4. First Aid Measures****Emergency and First Aid****Procedures:**

<b>In Case of Inhalation:</b>	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.
<b>In Case of Skin Contact:</b>	Get medical aid immediately. 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.
<b>In Case of Eye Contact:</b>	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.
<b>In Case of Ingestion:</b>	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
<b>Note to Physician:</b>	None known.

**5. Fire Fighting Measures**

<b>Flash Pt:</b>	No data.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Autoignition Pt:</b>	No data.	
<b>Suitable Extinguishing Media:</b>	Use dry sand or earth to smother fire. Use extinguishing media appropriate to surrounding fire conditions.	
<b>Fire Fighting Instructions:</b>	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. Material will not burn.	
<b>Flammable Properties and Hazards:</b>	No data available.	

## SAFETY DATA SHEET

## LAZER

## 6. Accidental Release Measures

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.
---	---

## 7. Handling and Storage

<b>Precautions To Be Taken in Handling:</b>	Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.
<b>Precautions To Be Taken in Storing:</b>	Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-58-3	Potassium hydroxide {Caustic potash}	No data.	CEIL: 2 mg/m <sup>3</sup>	No data.
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	No data.	No data.	No data.
<b>Respiratory Equipment (Specify Type):</b>	Respirator protection is not normally required.			
<b>Eye Protection:</b>	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.			
<b>Protective Gloves:</b>	Wear appropriate protective gloves to prevent skin exposure.			
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.			
<b>Engineering Controls (Ventilation etc.):</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.			

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid	
<b>Appearance and Odor:</b>	Clear, light yellow liquid Chlorine odor.	
<b>Melting Point:</b>	No data.	
<b>Boiling Point:</b>	No data.	
<b>Autoignition Pt:</b>	No data.	
<b>Flash Pt:</b>	No data.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Specific Gravity (Water = 1):</b>	~ 1.1	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.	
<b>Vapor Density (vs. Air = 1):</b>	No data.	
<b>Evaporation Rate:</b>	No data.	
<b>Solubility in Water:</b>	No data.	
<b>Viscosity:</b>	Thin	
<b>pH:</b>	> 12.5	
<b>Percent Volatile:</b>	No data.	

## LAZER

**10. Stability and Reactivity**

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Incompatible materials, Light.

**Incompatibility - Materials To Avoid:** No data available.

**Hazardous Decomposition or Byproducts:** Oxides of potassium, hydrogen gas. Hydrogen chloride, chlorine, sodium oxide.

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

**Conditions To Avoid - Hazardous Reactions:** No data available.

**11. Toxicological Information**

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

CAS# 7681-52-9:  
Acute demal toxicity: LD50 rabbit  
Dose > 2,000 mg/kg

Skin irritation: Rabbit  
Non irritant

Eye irritation: Rabbit  
minimal irritant, LD50, Oral, Mouse, 5800. MG/KG.

Result:  
Behavioral: Change in motor activity (specific assay).  
Gastrointestinal: Other changes.  
- Shokuhin Eiseigaku Zasshi. Food Hygiene Journal., Nippon Shokuhin Eisei Gakkai,  
c/o Shokuhin Eisei Senta, 2-6-1 Jingumae, Shibuya-ku, Tokyo 150 Japan, Vol/p/yr:  
27,553, 1986

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1310-58-3	Potassium hydroxide {Caustic potash}	n.a.	n.a.	n.a.	n.a.
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	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.

## LAZER

## 14. Transport Information

## LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Sodium hypochlorite)

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN3266

**Packing Group:** II



## 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 {Caustic potash}	No	Yes 1000 LB	No
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	No	Yes 100 LB	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-58-3	Potassium hydroxide {Caustic potash}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

## 16. Other Information

**Revision Date:** 07/19/2017

**Preparer Name:** Regulatory Affairs

**Hazard Rating System:**

HEALTH		2
FLAMMABILITY		0
REACTIVITY		2
PPE		C

**HMIS:**

**Additional Information About This Product:** No data available.

**This Product:**

**Company Policy or Disclaimer:**

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.