

SAFETY DATA SHEET BREAK

1. Product and Company Identification

Product Code: 4230
Product Name: BREAK
Revision: 10/01/2018
Supersedes Revision: 01/10/2015

Manufacturer Information:

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

Ellijay, GA 30540

Web site address: www.pdqonline.com

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

Supplier Name and Address:

Company Name: **Phone Number:**

2. Hazards Identification

Skin Corrosion/Irritation, Category 1A

Serious Eye Damage/Eye Irritation, Category 1

Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases:
H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

GHS Precaution Phrases:
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
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 on this label.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases:
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations.

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

Inhalation:	No hazard expected in normal industrial use.
Skin Contact:	Causes skin irritation. Causes skin burns.
Eye Contact:	Causes eye burns. May cause chemical conjunctivitis and corneal damage.
Ingestion:	May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	15.0 -25.0 %
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	5.0 -15.0 %
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	1.0 -5.0 %

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. Get medical aid. If inhaled, remove to fresh air. If breathed in, move person into fresh air.
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. Wash off with soap and plenty of water. 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. Continue rinsing eyes during transport to hospital.
In Case of Ingestion:	Get medical aid. Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Signs and Symptoms Of Exposure:	Burning sensation, Breathing dusts from the use of this product may be harmful. Wheezing, Laryngitis, Shortness of breath.

5. Fire Fighting Measures

Flash Pt:	NP
Explosive Limits:	LEL: N.A. UEL: N.A.
Autoignition Pt:	NP
Suitable Extinguishing Media:	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Do NOT get water inside containers. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
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. Use water spray to keep fire-exposed containers cool. Use water with caution and in flooding amounts. Further information. The product itself does not burn.
Flammable Properties and Hazards:	No data available.

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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.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Do not let this chemical enter the environment. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Do not get water on spilled substances or inside containers. Personal precautions. Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions.

Do not let product enter drains.

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. Handling and Storage**Precautions To Be Taken in Handling:**

Minimize dust generation and accumulation.

Precautions To Be Taken in Storing:

Store in a tightly closed container.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	PEL: 2 mg/m ³	CEIL: 2 mg/m ³	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No data.	No data.	No data.
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	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.

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.):

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

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

Physical States:	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input checked="" type="checkbox"/> Solid
Appearance and Odor:	White granular solid. Odorless.		
Melting Point:	NA		
Boiling Point:	NE		
Decomposition Temperature:	NE		
Autoignition Pt:	NP		
Flash Pt:	NP		
Explosive Limits:	LEL: N.A.	UEL: N.A.	
Specific Gravity (Water = 1):	No data.		
Density:	61.5 - 68 LB/CF at 25.0 C		
Vapor Pressure (vs. Air or mm Hg):	NP		
Vapor Density (vs. Air = 1):	NP		
Evaporation Rate:	NP		
Solubility in Water:	100		
Saturated Vapor Concentration:	NP		
Viscosity:	NP		
pH:	> 12		
Percent Volatile:	< 1.0 % by weight.		

10. Stability and Reactivity

Reactivity:	chemically active metals, Strong acids. Hygroscopic.
Stability:	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>
Conditions To Avoid - Instability:	Incompatible materials, dust generation, Avoid contact with acids, reducing agents, oxidizers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds. contact with water.
Incompatibility - Materials To Avoid:	Acids, Strong acids. Metals.
Hazardous Decomposition or Byproducts:	Carbon monoxide, Carbon dioxide, Toxic fumes of sodium oxide, formed under fire conditions. Sodium oxides, silicon oxides. oxides of phosphorus, oxides of sulfur.
Possibility of Hazardous Reactions:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
Conditions To Avoid - Hazardous Reactions:	No data available.

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11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	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.
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information:	<p>Environmental: Not regulated under U.S. Department of Transportation regulations (29 CFR)</p> <p>Physical: No information available.</p> <p>Other: Do not empty into drains. Aquatic: Water temperature affects biodegradation. The rate of sodium-C12 linear alkylbenzene sulfonic acids biodegradation in Chesapeake Bay water was max at 25-30 deg C and decreased at lower incubation temperatures.</p> <p>Terrestrial: The adsorption of sodium-C12 linear alkylbenzene sulfonic acids is affected by the type of soil. The affinity of the soil for surfactants competes with microbial attack, slowing biodegradation. (HSDB)</p>
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.

13. Disposal Considerations

Waste Disposal Method:	<p>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.</p> <p>RCRA P-Series: None listed.</p> <p>RCRA U-Series: None listed. Product.</p> <p>Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.</p> <p>Contaminated packaging. Dispose of as unused product.</p>
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:	Corrosive solid, basic, inorganic, n.o.s. (Sodium hydroxide, Silicic acid (H ₂ SiO ₃), Disodium salt)		
DOT Hazard Class:	8	CORROSIVE	
UN/NA Number:	UN3262	Packing Group:	II



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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)
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	No	Yes 1000 LB	No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No	Yes 1000 LB	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 10/01/2018
Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH		2
FLAMMABILITY		0
PHYSICAL		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.