

## Activate

Revision: 01/15/2015

Distributor: Southern Maintenance Supply Co. Inc. 320 Page Street, Lynchburg, VA 24501 (434)847-4396

## 1. Product and Company Identification

<b>Product Code:</b>	4655	
<b>Product Name:</b>	Activate	
<b>Company Name:</b>	PDQ Manufacturing, Inc. 201 Victory Circle Ellijay, GA 30540	<b>Phone Number:</b> (706)636-1848
<b>Web site address:</b>	www.pdqonline.com	
<b>Emergency Contact:</b>	Chemtrec, Use Company Code: A814	(800)424-9300
<b>Information:</b>	info@pdqonline.com	(706)636-1848

## 2. Hazards Identification

Acute Toxicity: Oral, Category 4

Skin Corrosion/Irritation, Category 3

Serious Eye Damage/Eye Irritation, Category 2B



<b>GHS Signal Word:</b>	<b>Warning</b>
<b>GHS Hazard Phrases:</b>	H302 - Harmful if swallowed. H316 - Causes mild skin irritation. H320 - Causes eye irritation.
<b>GHS Precaution Phrases:</b>	P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product.
<b>GHS Response Phrases:</b>	P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330 - Rinse mouth. P332+313 - If skin irritation occurs, get medical advice/attention. 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 advise. Have product container or label with you when calling poison control center or physician. P337+313 - If eye irritation persists, get medical advice/attention.
<b>GHS Storage and Disposal Phrases:</b>	P501 - Unused product is not a RCRA Hazardous waste. However, contaminated product and wastes may be RCRA hazardous. Users are advised to determine the appropriate disposal method based on local, state and federal regulations and comply with those regulations.
<b>Potential Health Effects (Acute and Chronic):</b>	Adverse reproductive effects have been reported in animals.  Chronic exposure may cause liver damage.
<b>Inhalation:</b>	No hazard expected in normal industrial use. Harmful if inhaled.
<b>Skin Contact:</b>	Causes skin irritation. (HSDB)
<b>Eye Contact:</b>	May cause conjunctivitis. Lachrymator (substance which increases the flow of tears). Causes severe eye irritation.
<b>Ingestion:</b>	May cause irritation of the digestive tract. Harmful if swallowed. May cause nausea, vomiting, and diarrhea, possibly with blood.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	25.0 -35.0 %
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	10.0 -20.0 %
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	2.0 -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.
- In Case of Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists. Get medical aid.
- In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- In Case of Ingestion:** Get medical aid. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Wash mouth out with water. Call a poison control center.
- Signs and Symptoms Of Exposure:** Burning sensation, Breathing dusts from the use of this product may be harmful. Wheezing, Laryngitis, Shortness of breath.

**Note to Physician:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

### 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.
- 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. Wear self contained breathing apparatus for fire fighting if necessary.
- Further information.  
The product itself does not burn. 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:**

## 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. Do not let this chemical enter the environment. Personal precautions. Use personal protective equipment. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas. Environmental precautions. Do not let product enter drains.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation. Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after handling.

**Precautions To Be Taken in Storing:** Store in a cool, dry place. Store in a tightly closed container. Keep container tightly closed in a dry and well-ventilated place. Store protected from moisture. Keep away from acids.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt			
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}			
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}			
<b>Respiratory Equipment (Specify Type):</b>	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.			
<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. Handle with gloves.			
<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. Use adequate ventilation to keep airborne concentrations low. Use only under a chemical fume hood.			
<b>Work/Hygienic/Maintenance Practices:</b>	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

<b>Physical States:</b>	[ <input type="checkbox"/> ] Gas    [ <input type="checkbox"/> ] Liquid    [ <input checked="" type="checkbox"/> ] Solid
<b>Appearance and Odor:</b>	White granular solid. Floral odor.
<b>Melting Point:</b>	NP
<b>Boiling Point:</b>	NP
<b>Decomposition Temperature:</b>	NP
<b>Autoignition Pt:</b>	NP
<b>Flash Pt:</b>	NP
<b>Explosive Limits:</b>	LEL: N.A.            UEL: N.A.
<b>Specific Gravity (Water = 1):</b>	
<b>Density:</b>	52.5 - 57.5 LB/CF
<b>Vapor Pressure (vs. Air or mm Hg):</b>	NP
<b>Vapor Density (vs. Air = 1):</b>	NP
<b>Evaporation Rate:</b>	NP
<b>Solubility in Water:</b>	100%
<b>Saturated Vapor Concentration:</b>	NP
<b>Viscosity:</b>	NP
<b>pH:</b>	~ 11.5
<b>Percent Volatile:</b>	< 1.0 % by weight.
<b>VOC / Volume:</b>	0.0000 G/L

## 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ <input type="checkbox"/> ]    Stable [ <input checked="" type="checkbox"/> ]
<b>Conditions To Avoid - Instability:</b>	Incompatible materials, dust generation, Exposure to moist air or water, No data available.
<b>Incompatibility - Materials To Avoid:</b>	Strong acids. Reducing agents, Organic materials, Finely powdered metals, Acids, Bases.
<b>Hazardous Decomposition Or Byproducts:</b>	Carbon monoxide, oxides of phosphorus, Carbon dioxide, formed under fire conditions. Sodium oxides, silicon oxides. Nitrogen oxides, oxides of sulfur.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ <input type="checkbox"/> ]    Will not occur [ <input checked="" type="checkbox"/> ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	

## 11. Toxicological Information

**Toxicological Information:** Epidemiology: No information found.  
 Teratogenicity: No information available. Reproductive Effects: Mutagenicity:  
 Neurotoxicity: Teratogenicity: Teratogenic effects have occurred in experimental animals.  
 Other Studies:

**Irritation or Corrosion:** Skin - rabbit - Severe skin irritation - -24 h.

**Carcinogenicity/Other Information:** CAS# 7758-29-4: 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. CAS# 15630-89-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 497-19-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 25155-30-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	n.a.	n.a.	n.a.	n.a.
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	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:** Environmental: Not regulated under U.S. Department of Transportation regulations (29 CFR)  
 Physical: No information available.  
 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.  
 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)

**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:** Not regulated as a hazardous material.

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not regulated under U.S. Department of Transportation regulations (29 CFR)

## 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)
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No	No	No
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	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
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
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	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:** 01/15/2015  
**Preparer Name:** Regulatory Affairs

**Hazard Rating System:**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0
<b>PPE</b>	A

**HMIS:**

**Additional Information About This Product:**

**Company Policy or Disclaimer:** The information contained in this Material Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the

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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.