

SAPPHIRE

1. Product and Company Identification

Product Code: 4536
 Product Name: SAPPHIRE
 Revision: 06/29/2017
 Supersedes Revision: 01/10/2015

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: Phone Number:

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 1
 Skin Corrosion/Irritation, Category 2
 Specific Target Organ Toxicity (single exposure), Category 3
 Aquatic Toxicity (Acute), Category 2
 Aquatic Toxicity (Chronic), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases: H315 - Causes skin irritation.
 H318 - Causes serious eye damage.
 H335 - May cause respiratory irritation.
 H401 - Toxic to aquatic life.
 H412 - Harmful to aquatic life with long lasting effects.

GHS Precaution Phrases: P261 - Avoid breathing mist or spray.
 P264 - Wash hands thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P273 - Avoid release to the environment.
 P280 - Wear eye protection.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 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.
 P332+313 - If skin irritation occurs, get medical advice/attention.
 P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal P405 - Store locked up.

SAFETY DATA SHEET**SAPPHIRE**

Phrases:	P501 - Dispose of contents/container to trash after rinsing container.
Potential Health Effects (Acute and Chronic):	
Inhalation:	No hazard expected in normal industrial use.
Skin Contact:	Causes skin irritation. Ingestion can cause burning pain in mouth, throat and abdomen - May be fatal if ingested.
Eye Contact:	Lachrymator (substance which increases the flow of tears). Causes severe eye irritation.
Ingestion:	No hazard expected in normal industrial use. May cause irritation of the digestive tract. Harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	6.0 -12.0 %
68955-55-5	Amines, C12-18-alkyldimethyl, N-oxides	1.0 -4.0 %

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:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation or rash occurs, seek medical advice/attention.
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.

Signs and Symptoms Of Exposure:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
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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. Use water spray, dry chemical, carbon dioxide, or chemical 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. Material will not burn. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Flammable Properties and Hazards:	No data available.

SAPPHIRE

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. Avoid generating dusty conditions. Do not let this chemical enter the environment. (See Exposure Controls, Personal Protection section). Personal precautions. Environmental precautions. Do not let product enter drains.
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7. Handling and Storage

Precautions To Be Taken in Handling:	No special handling procedures are required. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
Precautions To Be Taken in Storing:	No special storage requirements.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No data.	No data.	No data.
68955-55-5	Amines, C12-18-alkyldimethyl, N-oxides	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	Respirator protection is not normally required.
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:	Protective garments not normally required.
Other Protective Clothing:	Protective garments not normally required.
Engineering Controls (Ventilation etc.):	There are no special ventilation requirements.
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:	<input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid
Appearance and Odor:	Solid blue block Fragrant odor.
Melting Point:	NP
Boiling Point:	NP
Decomposition Temperature:	NP
Autoignition Pt:	NP
Flash Pt:	NP
Explosive Limits:	LEL: N.A. UEL: N.A.
Specific Gravity (Water = 1):	NP
Density:	60.0 - 62.9 LB/CF

SAFETY DATA SHEET

SAPPHIRE

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: 10.16 - 10.66
 Percent Volatile: < 1.0 % by weight.
 VOC / Volume: 0.0000 G/L

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: Strong acids.
Hazardous Decomposition or Byproducts: Carbon monoxide, oxides of phosphorus, Carbon dioxide, formed under fire conditions.
 Sodium oxides,
 silicon oxides.
 oxides of sulfur, Carbon oxides,
 nitrogen oxides (NOx).
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.
Sensitization: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	n.a.	n.a.	n.a.	n.a.
68955-55-5	Amines, C12-18-alkyldimethyl, N-oxides	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

SAPPHIRE

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: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

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)
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No	Yes 1000 LB	No
68955-55-5	Amines, C12-18-alkyldimethyl, N-oxides	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
68955-55-5	Amines, C12-18-alkyldimethyl, N-oxides	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 06/29/2017

Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPE	A

HMIS:

Additional Information About 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.