

SAFETY DATA SHEET

BREAKTHROUGH SOLID

1. Product and Company Identification

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|-----------------------------------|--|----------------------|---------------|
| Product Code: | 4509 | Revision: | 04/20/2023 |
| Product Name: | BREAKTHROUGH SOLID | | |
| Manufacturer Information: | PDQ Manufacturing, Inc. 201 Victory Circle Ellijay, GA 30540 | Phone Number: | (706)636-1848 |
| Web site address: | www.pdqonline.com | | |
| Emergency Contact: | Chemtrec (800)424-9300 / 24 Hr. Leak, Spill, Exposure, Fire, Accident | | |
| Supplier Name and Address: | | Phone Number: | |

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2



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|--|---|
| GHS Signal Word: | Warning |
| GHS Hazard Phrases: | H315 - Causes skin irritation. H319 - Causes serious eye irritation. |
| GHS Precaution Phrases: | P264 - Wash hands thoroughly after handling. P280 - Wear eye protection. |
| GHS Response Phrases: | P302+352 - IF ON SKIN: Wash with plenty of soap and water. 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. P321 - Specific treatment see section 4 on this SDS. P332+313 - If skin irritation occurs, get medical advice/attention. P337+313 - If eye irritation persists, get medical advice/attention. P362 - Take off contaminated clothing and wash before re-use. |
| GHS Storage and Disposal Phrases: | No phrases apply. |
| Potential Health Effects (Acute and Chronic): | |
| Inhalation: | May cause respiratory tract irritation. |
| Skin Contact: | Causes skin irritation. |
| Eye Contact: | Lachrymator (substance which increases the flow of tears). Causes severe eye irritation. |
| Ingestion: | May cause irritation of the digestive tract. |

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3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|---|---------------|
| 25155-30-0 | Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate} | 6.0 -12.0 % |
| 1643-20-5 | Dodecyldimethylamine oxide | 1.0 -4.0 % |

4. First Aid Measures

Emergency and First Aid

Procedures:

| | |
|---------------------------------|---|
| In Case of Inhalation: | No specific treatment is necessary since this material is not likely to be hazardous by inhalation. |
| In Case of Skin Contact: | Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash off with soap and plenty of water. |
| In Case of Eye Contact: | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| In Case of Ingestion: | If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Consult a physician. |

5. Fire Fighting Measures

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|--|--|
| 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. |
| Flammable Properties and Hazards: | Not flammable or combustible. |

6. Accidental Release Measures

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|---|--------------------|
| Steps To Be Taken In Case Material Is Released Or Spilled: | No data available. |
|---|--------------------|

7. Handling and Storage

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|---|---|
| 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. Store in a cool, dry place. |

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. |
| 1643-20-5 | Dodecyldimethylamine oxide | No data. | No data. | No data. |

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|---|--|
| Respiratory Equipment (Specify Type): | Respirator protection is not normally required. |
| Eye Protection: | Safety glasses. |
| 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: | [] Gas [] Liquid [X] Solid |
| Appearance and Odor: | Green solid block Mint 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 |
| Vapor Pressure (vs. Air or mm Hg): | NP |
| Vapor Density (vs. Air = 1): | NP |
| Evaporation Rate: | NP |
| Solubility in Water: | ~ 20% |
| 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: | Incompatible materials. |
| 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. |

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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 |
| 1643-20-5 | Dodecyldimethylamine oxide | 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 |
| 1643-20-5 | Dodecyldimethylamine oxide | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |

16. Other Information

Revision Date: 04/20/2023
Preparer Name: Regulatory Affairs

Hazard Rating System:

| | |
|--------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL | 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.