

SAFETY DATA SHEET

BREAKOUT

1. Product and Company Identification

Product Code: 4501
Product Name: BREAKOUT
Revision: 11/13/2018
Supersedes Revision: 02/06/2015

Manufacturer Information:

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

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

Skin Corrosion/Irritation, Category 2


GHS Signal Word: **Warning**
GHS Hazard Phrases: H315 - Causes skin 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.
 P321 - Specific treatment see appropriate section on this label.
 P332+313 - If skin irritation occurs, 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: No hazard expected in normal industrial use.
Skin Contact: Causes skin irritation.
Eye Contact: Causes eye irritation. Causes redness and pain.
Ingestion: Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|-----------|---|---------------|
| 111-76-2 | Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB} | 3.0 -7.0 % |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | 1.0 -3.0 % |

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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. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
- 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. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If irritation develops, 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 immediately. Call a poison control center. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.
- Note to Physician:** Consult a physician. Show this safety data sheet to the doctor in attendance.

5. Fire Fighting Measures

- Flash Pt:** No data.
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 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.
- Flammable Properties and Hazards:** No data available.

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.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Wash thoroughly after handling.
- 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 |
|-----------|---|-------------|-------------|--------------|
| 111-76-2 | Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB} | PEL: 50 ppm | TLV: 20 ppm | No data. |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | No data. | No data. | No data. |

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| | |
|---|---|
| Respiratory Equipment (Specify Type): | Respirator protection is not normally required. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. |
| 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. Wear chemical splash goggles. |
| Protective Gloves: | Wear appropriate protective gloves to prevent skin exposure. Handle with gloves. |
| Other Protective Clothing: | Wear appropriate protective clothing to prevent skin exposure. |
| 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 | [X] Liquid | [] Solid |
| Appearance and Odor: | Clear red-orange liquid Solvent odor. | | |
| Melting Point: | No data. | | |
| Boiling Point: | No data. | | |
| Autoignition Pt: | No data. | | |
| Flash Pt: | No data. | | |
| Explosive Limits: | LEL: No data. | | UEL: No data. |
| Specific Gravity (Water = 1): | ~ 1.05 | | |
| Vapor Pressure (vs. Air or mm Hg): | No data. | | |
| Vapor Density (vs. Air = 1): | No data. | | |
| Evaporation Rate: | No data. | | |
| Solubility in Water: | Complete | | |
| Viscosity: | Thin | | |
| pH: | > 11.5 | | |
| Percent Volatile: | No data. | | |

10. Stability and Reactivity

| | | |
|---|--|----------------------|
| Stability: | Unstable [] | Stable [X] |
| Conditions To Avoid - Instability: | Incompatible materials, Avoid contact with acids, reducing agents, oxidizers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds. | |
| Incompatibility - Materials To Avoid: | Strong acids. Strong bases, Aluminum, Sulfur oxides. Metals. Acids, Zinc, gelatin, nitromethane, leather, flammable liquids, organic halogens. Lead. Tin/tin oxides. | |
| Hazardous Decomposition or Byproducts: | Carbon monoxide, Toxic fumes of sodium oxide, formed under fire conditions. Sodium oxides, silicon oxides. | |
| Possibility of Hazardous Reactions: | Will occur [] | Will not occur [X] |
| 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 |
|-----------|---|------|------|-------|------|
| 111-76-2 | Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB} | n.a. | 3 | A3 | n.a. |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | n.a. | n.a. | n.a. | n.a. |

12. Ecological Information

No data available.

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.

DOT Hazard Class:

UN/NA Number: None

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) |
|-----------|---|--------------|-----------|---------------|
| 111-76-2 | Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB} | No | No | Yes-Cat. N230 |
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | No | No | No |

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

| | | |
|-----------|---|---|
| 111-76-2 | Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB} | 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 |

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16. Other Information

Revision Date: 11/13/2018
Preparer Name: Regulatory Affairs

Hazard Rating System:

| | |
|---------------------|----------|
| HEALTH | 2 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |
| PPE | B |

HMIS:

Additional Information About This Product: No data available.

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.