

## 1. Product and Company Identification

**Product Code:** 01161  
**Product Name:** Break Away - Degreaser/Cleaner  
**Company Name:** Genlabs **Phone Number:**  
 5568 Schaefer Ave. 1 (909)591-8451  
 Chino, CA 91710  
**Web site address:** www.genlabscorp.com  
**Emergency Contact:** Chemtrec 1 (800)424-9300

**Recommended Use:** Hard Surface Cleaner/Degreaser  
**Intended Use:** For sale to, use and storage by service persons only.

## 2. Hazards Identification

**Acute Toxicity: Oral, Category 5**  
**Acute Toxicity: Skin, Category 5**  
**Skin Corrosion/Irritation, Category 3**  
**Serious Eye Damage/Eye Irritation, Category 2B**  
**Acute Toxicity: Inhalation, Category 5**  
**Acute Toxicity: Skin, Category 4**



**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** May be harmful if swallowed.  
 May be harmful in contact with skin.  
 Causes mild skin irritation.  
 Causes eye irritation.  
 May be harmful if inhaled.

**GHS Precaution Phrases:** Wash hands thoroughly after handling.  
 Keep out of reach of children.  
 Wear protective gloves, protective clothing, eye protection, face protection.

**GHS Response Phrases:** If swallowed: Immediately call a Poison Center or doctor.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists, get medical attention immediately.  
 If on skin (or in hair): Wash with plenty of soap and water.

**GHS Storage and Disposal Phrases:** Dispose of contents and container according to the local, city, state and federal regulations.  
 Store in cool dry place at room temperature away from direct sunlight.

**Potential Health Effects (Acute and Chronic):**  
 Prolonged or repeated eye contact may cause conjunctivitis.  
 Prolonged or repeated skin contact may cause dermatitis.  
 May cause liver and kidney damage. Effects may be delayed. May cause adverse reproductive effects.

**Inhalation:** Harmful if inhaled. May cause respiratory tract irritation.  
**Skin Contact:** Causes skin irritation. Harmful if absorbed through the skin. Causes skin burns. Causes

severe burns with delayed tissue destruction.

- Eye Contact:** Causes eye irritation. Causes severe eye burns. Contact may cause ulceration of the conjunctiva and cornea. Eye damage may be delayed.
- Ingestion:** Harmful if swallowed. Causes burns. 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
111-76-2	Ethanol, 2-Butoxy-	Proprietary
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	Proprietary
1310-58-3	Potassium hydroxide	Proprietary
78-96-6	1-Amino-2-Propanol	Proprietary

### 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.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take off contaminated clothing and shoes immediately. 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.
- In Case of Ingestion:** Do NOT induce vomiting. Call a poison control center. Never give anything by mouth to an unconscious person. Consult a physician.
- Signs and Symptoms Of Exposure:** Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.
- Note to Physician:** Treat symptomatically and supportively.

### 5. Fire Fighting Measures

- Flash Pt:** NE
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** NE
- Suitable Extinguishing Media:** 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.
- 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. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Do not let this chemical enter the environment.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Do not breathe dust, mist, or vapor. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

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

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No data.	No data.	No data.
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m <sup>3</sup>	No data.
78-96-6	1-Amino-2-Propanol	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** Always use a NIOSH approved respirator when necessary.

**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. Face shield and safety glasses. 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. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Engineering Controls (Ventilation etc.):** Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

**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 colorless liquid with mild solvent fragrance.

**Melting Point:** NE

**Boiling Point:** 212.00 F

**Autoignition Pt:** NE

**Flash Pt:** NE

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** 1.100

**Density:** 9.17 lbs/gal



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 Supersedes Revision: 08/21/2014

Vapor Pressure (vs. Air or mm Hg): NE  
 Vapor Density (vs. Air = 1): NE  
 Evaporation Rate: NE  
 Solubility in Water: 100%  
 Saturated Vapor Concentration: NE  
 Viscosity: NP  
 pH: 11.5 - 12.5  
 Percent Volatile: No data.  
 VOC / Volume: 55.0000 G/L

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** None.

**Incompatibility - Materials To Avoid:** Strong acids, Strong oxidizing agents, Aluminum, Lead. Tin/tin oxides, Aluminum and Soft Metals.

**Hazardous Decomposition Or Byproducts:** CO, CO2, Hydrogen.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** None.

### 11. Toxicological Information

**Toxicological Information:** No data available.

**Carcinogenicity/Other Information:** CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.  
 California: Not listed.  
 NTP: Not listed.  
 IARC: Not listed. 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.  
 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# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 78-96-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
6834-92-0	Silicic acid (H2SiO3), Disodium salt	n.a.	n.a.	n.a.	n.a.
1310-58-3	Potassium hydroxide	n.a.	n.a.	n.a.	n.a.
78-96-6	1-Amino-2-Propanol	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents and container according to the local, city, state and federal regulations.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** NOT REGULATED FOR DOMESTIC TRANSPORT.

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not Regulated.

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Not Regulated.

### 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-	No	No	Yes-Cat. N230
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No	No	No
1310-58-3	Potassium hydroxide	No	Yes 1000 LB	No
78-96-6	1-Amino-2-Propanol	No	No	No

**CAS # Hazardous Components (Chemical Name)**

**Other US EPA or State Lists**

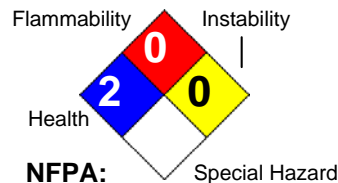
111-76-2	Ethanol, 2-Butoxy-	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	CA PROP.65: No; CA TAC, Title 8: No
1310-58-3	Potassium hydroxide	CA PROP.65: No; CA TAC, Title 8: Title 8
78-96-6	1-Amino-2-Propanol	CA PROP.65: No; CA TAC, Title 8: No

### 16. Other Information

**Hazard Rating System:**

HEALTH	2
FLAMMABILITY	0
PHYSICAL	0
PPE	C

**HMIS:**



**Revision Date:** 04/20/2015

**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:** The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and



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used at the customers discretion.