Specifications

- **SSS Item Number**: 48094, 48093, 48091, 48092
- **Available Sizes**: 1G, 2.5G, 5G, & 55G
- **Color**: Purple
- **Active Ingredients**: 18.0 ± 0.5%
- **Fragrance**: Sassafras
- **pH**: 12.0 - 13.0
- **Viscosity**: Water thin
- **Foam**: Low
- **Abrasives**: None
- **Phosphate Content**: None
- **Solubility**: Complete with water
- **Emulsification**: Excellent
- **Detergency**: Excellent
- **Rinseability**: Complete with water
- **Flash Point**: None (waterbased)
- **Biodegradability**: Complete
- **Storage/Stability**: 2 years
- **Weight Per Gallon**: 8.79 lbs./gal.
- **Freeze/Thaw Stability**: Keep from freezing

Technical Data

**Areas of Use**
- Concrete
- Machinery
- Floors
- Engines

**Description**

A water-based cleaner degreaser formulated to effectively remove grease, oil, carbon, or any other industrial soil from concrete, machinery, engines, floors, walls, etc. Low foaming for use in automatic scrubbers. Extremely concentrated for dilutions of up to 1 ounce per gallon of water. Nonflammable and non-corrosive for safe use on all surfaces not harmed by water. Highly effective, economical, and easy to use.

**Directions**

Wear safety equipment recommended on MSDS, place Wet Floor Signs and read all directions and cautions prior to beginning your work.

Dilute with water depending on the job requirement. Apply by mop, sprayer, sponge or automatic scrubber. Apply to surface to be cleaned and allow to stand for several minutes. For heavier soil, agitate briskly with a brush or aggressive pad. For normal soil, allow the product to do the work. Wipe clean with a moist rag, sponge or pick up with wet vac or mop. Where applicable; rinse thoroughly with water. Avoid contact with windows or other glass surfaces.

**FLOORS, WALLS, GENERAL MAINTENANCE:**

- **Light Soil**: 1 to 32 (4 oz./gal.)
- **Medium Soil**: 1 to 10 (13 oz./gal.)
- **Heavy Soil**: 1 to 5 (26 oz./gal.)

**KITCHENS, ENGINES, MACHINERY, CONCRETE, SHOWERS:** 1 to 10 (13 oz./gal.)

**PAINTED SURFACES:** Never less than 1 to 10 (13 oz./gal.)

**What the Pros Know**

Break Away is extremely versatile product that can be used in many applications depending on dilution.

**HMIS Hazardous Materials I.D. System**

- **Health**: 2
- **Flammability**: 0
- **Reactivity**: 0
- **Personnel Protection**: D
SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Break Away
Generic Name: Heavy Duty Degreaser
Chemical Family: Alkaline Detergent
Formula: Proprietary
Triple S Product Number: 48091, 48092, 48093, 48094

Manufactured For: Triple S
Address: 2 Executive Park Drive Billerica, MA 01862
Phone #: 800-323-2251

SECTION 2-INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NO.</th>
<th>WT. %</th>
<th>PEL</th>
<th>TWA-TLV</th>
<th>STEL-TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>to 100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>0 to 5</td>
<td>25 ppm</td>
<td>25 ppm</td>
<td>N/A</td>
</tr>
<tr>
<td>Potassium Alkyl Aryl Sulfonate</td>
<td>27177-77-1</td>
<td>0 to 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium Tall Oil Soap</td>
<td>61790-44-1</td>
<td>0 to 5</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Nonionic Surfactant</td>
<td>9016-45-9</td>
<td>0 to 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>0 to 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dye</td>
<td>N/A</td>
<td>&lt; 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fragrance</td>
<td>N/A</td>
<td>&lt; 1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F. Specific Gravity: 1.048
Vapor Pressure: 20mm Hg @ 68 F. Vapor Density (Air=1): >1
% Volatile: 85+ pH: 12.0 – 13.0
Solubility in Water: Complete Evaporation Rate (Water=1): < 1
Physical Description: Thin purple liquid with characteristic odor.
VOC Content: 2.93% (wt/wt), 0.26 lbs/gal., 30.7 grams/liter

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None (waterbased)
Upper Explosion Limit: N/A Lower Explosion Limit: N/A
Extinguishing Media: N/A Special Firefighting Procedures: Non Flammable
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable Hazardous Polymerization: None
Hazards Decomposition Products: Alkaline vapors in a fire.
Incompatibility (Materials to Avoid): Strong acids.

SECTION 6-STORAGE AND HANDLING INFORMATION

WARNING: Eye Irritant. May cause skin irritation with prolonged contact. Avoid contact with eyes, skin and clothing. Use rubber gloves, chemical splash goggles and protective outerwear when handling. Avoid breathing of vapors or mists. Use in well-ventilated area. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Moderate skin irritant. Prolonged or repeated contact may cause redness, dermatitis.
Eyes: Eye irritant. Liquid and mists will cause tearing, redness, burning sensation.
Inhalation: Vapors and mists may irritate mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.

First Aid Procedures:
Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Immediately flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilated area.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 in- gredients below acceptable limit.
Protective Gloves: Chemical resistant rubber or neoprene.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Wear protective rubber footwear when using on floor.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories: Shipping Information:
No - Fire Hazard FOR CONTAINERS > Cleaning Compound
No - Sudden Release of Pressure Hazard
No - Reactivity Hazard FOR 1 GAL CONTAINERS: Cleaning Compound
Yes - Immediate (acute) Health Hazard
Yes - Delayed (chronic) Health Hazard FOR CONTAINERS < 1 GAL: Cleaning Compound
HMIS Hazardous Materials Identification System
Health 2 Flammability 0 Reactivity 0 Personal Protection D

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ER# 1-888-779-1339

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>Glycol Ether</td>
<td>3% max.</td>
</tr>
</tbody>
</table>

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.