

PRO SERIES

BREAK AWAY

HEAVY DUTY DEGREASER

DESENGRASADOR



Technical Data

Areas of Use

- Concrete
- Machinery
- Floors
- Engines

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
Rinsability	.....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

HMIS Hazardous Materials I.D. System

Health	.....2
Flammability	.....0
Reactivity	.....0
Personal Protection	.....D

What the Pros Know

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

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.)

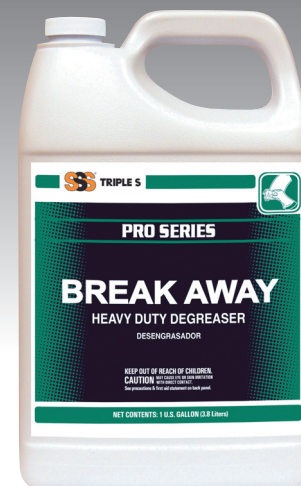
KITCHENS, ENGINES, MACHINERY, CONCRETE, SHOWERS: 1 to 10 (13 oz./gal.)

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

Highly Effective

Non-Corrosive

Economical to Use



MATERIAL SAFETY DATA SHEET

N/A=Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 1/09 Revision: n/a

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

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

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 85+
Solubility in Water: Complete
Physical Description: Thin purple liquid with characteristic odor.
VOC Content: 2.93% (wt/wt), 0.26 lbs/gal., 30.7 grams/liter

Specific Gravity: 1.048
Vapor Density (Air=1): >1
pH: 12.0 – 13.0
Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None (waterbased)
Upper 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
Hazards Decomposition Products: Alkaline vapors in a fire.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): Strong acids.

SECTION 6-STORAGE AND HANDLING INFORMATION

WARNING: Eye Irritant. May cause skin irritation with prolong or repeated contact. Avoid contact with eyes, skin and clothing. Wear 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 be irritating to 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 ingredients 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. Wear protective outerwear when danger of mist contact may occur.

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:
 No - Fire Hazard
 No - Sudden Release of Pressure Hazard
 No - Reactivity Hazard
 Yes - Immediate (acute) Health Hazard
 No - Delayed (chronic) Health Hazard

Shipping Information:
 FOR CONTAINERS > Cleaning Compound
 FOR 1 GALLON CONTAINERS: Cleaning Compound
 FOR CONTAINERS < 1 GALLON: Cleaning Compound

HMS 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.

CAS#	Chemical Name	Percent by Weight
111-76-2	Glycol Ether	3% max.

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

CAS#	Chemical Name	Percent by Weight
	None	

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