

#909

SAFETY DATA SHEET

JO4966769



## Power-Foam Bravo Heavy Duty Stripper for Spot Buildups

Version Number: 2

Preparation date: 2016-08-23

### 1. IDENTIFICATION

**Product name:** Power-Foam Bravo Heavy Duty Stripper for Spot Buildups  
**Product Code:** 94966769  
**SDS #:** MS0800173  
**Recommended use:**

- Industrial/Institutional
- Floor care

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**  
US Headquarters  
Diversey, Inc.  
2415 Cascade Pointe Blvd.  
Charlotte, NC 28208  
Phone: 1-888-352-2249  
SDS Internet Address: <https://sds.diverseym.com>

Canadian Headquarters  
Diversey, Inc. - Canada  
3755 Laird Road Units 8-11  
Mississauga, Ontario L5L 0B3  
Phone: 1-800-668-7171

**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Skin corrosion/irritation Category 1B  
Serious eye damage/eye irritation Category 1  
Flammability Extremely flammable aerosol, Category 1



**Signal Word:**

**Danger.**

#### Precautionary Statements

**EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE.**

Avoid contact with eyes, skin and clothing. Causes burns/ serious damage to mouth, throat and stomach. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Keep container tightly closed. Do not pierce or burn, even after use. Do not incinerate. Do not breathe spray. Wash affected areas thoroughly after handling. Wear chemical-splash goggles, chemical-resistant gloves and protective footwear. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Wash contaminated clothing before reuse. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C (122 °F) which may cause bursting. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

### Classification for the diluted product @ RTU

This product is intended to be used neat.

### Precautionary Statements

See undiluted product information above.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Classified Ingredients

Ingredient(s)	CAS #	Weight %
Isobutane	75-28-5	5 - 10%
Potassium hydroxide	1310-58-3	3 - < 5%
Diethylene glycol butyl ether	112-34-5	3 - < 5%
Ethoxylated secondary alcohol	84133-50-6	1 - < 3%
2-butoxyethanol	111-76-2	1 - < 3%
Monoethanolamine	141-43-5	1 - < 3%
Benzyl alcohol	100-51-6	1 - < 3%

\*Exact percentages are being withheld as trade secret information

## 4. FIRST AID MEASURES

### Undiluted Product:

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed:** Not applicable.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

### Diluted Product:

This product is intended to be used neat.

**Eyes:** See undiluted product information above.

**Skin:** See undiluted product information above.

**Inhalation:** See undiluted product information above.

**Ingestion:** See undiluted product information above.

## 5. FIRE-FIGHTING MEASURES

**Specific methods:** Aerosol Product - Containers may rocket or explode in heat of fire Use water spray to keep fire-exposed containers cool

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**Specific hazards:** Aerosol product - Containers may rocket or explode in heat of fire. NFPA 30B Level 1 Aerosol.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Remove all sources of ignition. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Do not let product overspray on to the floor as the product's ingredients could make the floor slippery. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** NFPA 30B Level 1 Aerosol. Protect from freezing. Store in a cool, dry, well ventilated area away from heat or open flame. Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

**Aerosol Level (if applicable) :** Not applicable.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Isobutane	75-28-5	1000 ppm (STEL)	-
Potassium hydroxide	1310-58-3	2 mg/m <sup>3</sup> (Ceiling)	-
Diethylene glycol butyl ether	112-34-5	10 ppm (TWA)	-
Ethoxylated secondary alcohol	84133-50-6	-	-
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 50 ppm (TWA) 240 mg/m <sup>3</sup> (TWA)
Monoethanolamine	141-43-5	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m <sup>3</sup> (TWA)
Benzyl alcohol	100-51-6	-	-

### Undiluted Product:

#### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

#### Personal Protective Equipment

<b>Eye protection:</b>	Chemical-splash goggles.
<b>Hand protection:</b>	Chemical-resistant gloves.
<b>Skin and body protection:</b>	Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
<b>Respiratory protection:</b>	In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice.

### Diluted Product:

This product is intended to be used neat.

#### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels

#### Personal Protective Equipment

<b>Eye protection:</b>	Chemical-splash goggles.
<b>Hand protection:</b>	Chemical-resistant gloves.
<b>Skin and body protection:</b>	Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
<b>Respiratory protection:</b>	In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Pressurized Liquid  
**Evaporation Rate:** No information available  
**Odor threshold:** No information available.  
**Melting point/range:** Not determined  
**Autoignition temperature:** No information available  
**Solubility in other solvents:** No information available  
**Density:** 8.26 lbs/gal 0.99 Kg/L  
**Bulk density:** No information available  
**Flash point (°F):** 19 °F -7.0 °C  
**Dilution Flash Point (°F):** 19 -7.0

**Color:** Clear, White  
**Odor:** Solvent  
**Boiling point/range:** Not determined  
**Decomposition temperature:** Not determined Not applicable  
**Solubility:** Completely Soluble  
**Relative Density (relative to water):** 0.99  
**Vapor density:** No information available  
**Vapor pressure:** No information available.  
**Partition coefficient (n-octanol/water):** No information available  
**Viscosity:** No information available

**Elemental Phosphorus:** 0.06 % by wt.

**pH:** 13.0

**Dilution pH:** 13.0 @ RTU

**Corrosion to metals:** Corrosive

**Flame Extension (inches):** 0

**Explosion limits: - upper:** Not determined - **lower:** Not determined

**VOC:** 10.72 % \*

**VOC % by wt. at use dilution:** 10.72 % \*

**Flammability (Solid or Gas):** Not applicable

**Sustained combustion:** Not applicable

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not Applicable  
**Stability:** The product is stable  
**Hazardous decomposition products:** None known.  
**Materials to avoid:** Acids.  
**Conditions to avoid:** Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Ingestion:** Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

**Target Organs (SE):** None known

**Target Organs (RE):** None known

### Numerical measures of toxicity

**ATE - Oral (mg/kg):** >5000

**ATE - Dermal (mg/kg):** >5000

**ATE - Inhalatory, mists (mg/l):** >20

**ATE - Inhalatory, vapors (mg/l):** >50

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products (undiluted product):** This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations. Use up contents if possible before disposal. If possible, recycle empty aerosol cans to the nearest steel recycling center.

**Waste from residues / unused products (diluted product):** This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** D001 Ignitable Waste D002 Corrosive Waste

**RCRA Hazard Class (diluted product):** Not Regulated  
**Contaminated Packaging:** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** LTD. QTY.

**IMDG (Ocean) Bill of Lading Description:** UN1950, AEROSOLS, 2.1, LTD. QTY.

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

### RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Isobutane	75-28-5	X	X	X	-
Potassium hydroxide	1310-58-3	X	X	X	X
Diethylene glycol butyl ether	112-34-5	-	X	-	-
Ethoxylated secondary alcohol	84133-50-6	-	-	-	-
2-butoxyethanol	111-76-2	X	X	X	-
Monoethanolamine	141-43-5	X	X	X	-
Benzyl alcohol	100-51-6	X	-	X	-

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Potassium hydroxide	1310-58-3	3 - < 5%	1000		
Diethylene glycol butyl ether	112-34-5	3 - < 5%			X
2-butoxyethanol	111-76-2	1 - < 3%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethylene glycol butyl ether	X		
2-butoxyethanol	X		

### Canadian Regulations

Ingredient(s)	CAS #	NPRI
Diethylene glycol butyl ether	112-34-5	X
2-butoxyethanol	111-76-2	X

## 16. OTHER INFORMATION

**NFPA (National Fire Protection Association)**  
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3  
Flammability 4  
Instability 0

### Diluted Product:

Version Number: 2  
Preparation date: 2016-08-23

Reason for revision: Not applicable  
Prepared by: NAPRAC  
Additional advice: • Does not contain an added fragrance

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