

S.C. Johnson Wax
Racine, Wisconsin 53403-5011
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Emergency Phone: (800) 228-5635
Extension 092

4=Very High
3=High
2=Moderate
1=Slight
0=Insignificant

HAZARD RATING	
HMIS	NFPA
3 Health	
4 Flammability	
0 Reactivity	

MATERIAL SAFETY DATA SHEET - 2513

SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: BRAVO POWER FOAM HEAVY DUTY STRIPPER				PRODUCT CODE 14640-2 to 14644-2	
CHEMICAL OR COMMON NAME: NA	DATE ISSUED: 01/23/92	SUPERSEDES: 06/29/90	MSDS SECTIONS WITH CHANGES:		PREPARED BY: Terry A. Meyers Chemical Info. Adm.

SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
[SARA, PA, NJ, MA] Glycol Ether (CAS# 111-76-2)	5-10	25 PPM ACGIH/OSHA TWA (SKIN)
[PA, NJ, MA] Sodium Hydroxide (CAS# 1310-73-2)	2-4	2 MG/M3 ACGIH/OSHA CEILING
[PA, NJ, MA] Monoethanolamine (CAS# 141-43-5)	1-3	3 PPM ACGIH/OSHA TWA, 6 PPM ACGIH/OSHA STEL
Alkylphenoxy polyethoxyethanol (CAS# 26027-38-3)	3-6	NOT ESTABLISHED
[PA, NJ, MA] Isobutane (CAS# 75-28-5)	5-10	NOT ESTABLISHED
WATER (CAS# 7732-18-5)	70-80	NA
See Regulatory Information (Section XII) for explanation of bracketed information.		

SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: Dispensed as a white foam with mild odor	SPECIFIC GRAVITY (H2O=1): 1.0
VAPOR PRESSURE (mm Hg): ND	PERCENT VOLATILE BY VOLUME (X): NA
SOLUBILITY IN WATER: Complete	VAPOR DENSITY (Air=1): ND
FREEZING POINT (°F): ND	BOILING POINT (°F): ND
pH: 13.0min	EVAPORATION RATE (Butyl Acetate=1): NA
VOC (as packaged, minus H2O): ND	THEORETICAL VOC (lb/gal): ND

SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (Method Used): under 20(TCC) (Propellant)
FLAMMABLE LIMITS: ND
EXTINGUISHING MEDIA: Foam. CO2. Dry Chemical. Water Fog.
SPECIAL FIREFIGHTING PROCEDURES: Normal fire fighting procedures may be used. Cool and use caution when approaching or handling fire-exposed containers.

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Racine, Wisconsin 53403

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SECTION IV-FIRE AND EXPLOSION INFORMATION (cont.)
MUSICAL FIRE AND EXPLOSION HAZARDS: Corrosive Material (see Sections VI, VII).
Container may burst in heat of fire.

SECTION V-HEALTH HAZARD DATA

PRINCIPAL ROUTE OF EXPOSURE: Skin contact.

SIGNS AND SYMPTOMS: Direct contact of product with eyes can cause severe irritation and damage. Direct contact of product with skin can cause irritation. If taken internally, product may cause corrosive damage to mouth, throat or stomach. Product vapors may cause severe irritation to nose, throat and lungs if inhaled.

FIRST AID PROCEDURES: If eye contact occurs, flush eyes with water for 15 minutes, then get prompt medical aid. If product is swallowed, drink large amounts of water or milk and seek medical aid. For ingestion, due to the extreme pH of the product, the possibility of corrosive damage to mouth, throat and stomach should be considered in treatment. If difficulty or discomfort in breathing is experienced, remove to fresh air and get medical attention.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:

SECTION VI-REACTIVITY DATA

STABILITY: Stable

STABILITY-CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Strong acids (e.g., muriatic acid). Aluminum, zinc, copper, tin

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire, produces normal products of combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS POLYMERIZATION-CONDITIONS TO AVOID: None known

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Rinse affected area thoroughly with water.

WASTE DISPOSAL INFORMATION: Recycle empty aerosol can to nearest steel recycling center.

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: If ventilation is adequate, respiratory protection not required.

VENTILATION: General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation or respiratory protection.

PROTECTIVE CLOVES: Rubber.

EYE PROTECTION: Eye protection not required unless contact with undiluted product is possible.

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SECTION VIII-SPECIAL PROTECTION INFORMATION (cont.)
OTHER PROTECTIVE MEASURES: Use good personal hygiene practices. Where gross eye/skin contact may be a problem, wear/use appropriate protective equipment.

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: DANGER: Contents under pressure. Corrosive. Eye irritant. Keep out of reach of children. Do not use near fire or flame or pilot light. Do not set on stove or radiator or keep where temperature exceeds 120 F as container may burst. Do not puncture or throw in fire. Contains caustic alkali. See Section X.

OTHER HANDLING AND STORAGE CONDITIONS: Do not pressurize, cut, heat, weld or expose container to flame; explosion could occur. Keep from freezing. Keep out of reach of children. Wash thoroughly after handling.

SECTION X-ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: NFPA 308 Level 1 Do not get in eyes, on skin, or on clothing. Do not breathe spray mist.

SECTION XI-TRANSPORTATION INFORMATION

DOT CLASS: OXRD.

DOT #: None

SHIPPING NAME: Cleaning, scouring or washing compounds, NOI, liquid.

DOT NOTES: Consumer Commodity.

SECTION XII-REGULATORY INFORMATION

There are no ingredients subject to the reporting requirements under California's Proposition 65.

MA - These ingredients are subject to the reporting requirements under the Massachusetts Hazardous Substance List.

NY - These ingredients are subject to the reporting requirements under the New Jersey Right to Know Hazardous Substance List.

PA - These ingredients are subject to the reporting requirements under the Pennsylvania Hazardous Substance List.

SARA - These ingredients are subject to the reporting requirements under the Superfund Amendments and Reauthorization Act of 1986 Title III, Section 313 and 40 CFR Part 372.

Not Applicable, Not Established, Not Special Requirement, Not Determined
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