S.C. Johnson Wax  
Racine, Wisconsin 53403-5011  
Phone: (414) 631-2777  
Emergency Phone: (800) 228-5635  
Extension 092  
International Emergency Phone:  
Extension 092

HAZARD RATING  
4=Very High  
3=High  
2=Moderate  
1=Slight  
0=Insignificant  
HMIS  
3 Health  
3 Flammability  
0 Reactivity  
NPPA

MATERIAL SAFETY DATA SHEET  
SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME:  
BRAVO EXTRA HEAVY DUTY STRIPPER

PRODUCT CODE:  
14585-2-3 to 14589-2-3

CHEMICAL OR COMMON NAME:  
NA

DATE ISSUED:  
07/10/92

SUPERSEDES:  
02/25/91

NSDS SECTIONS WITH CHANGES:  
IX X XI

PREPARED BY:  
Terry A. Meyers  
Chemical Info. Adm.

SECTION II-INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>WEIGHT %</th>
<th>EXPOSURE LIMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkali Metasiliclate (CAS# 1344-09-8)</td>
<td>3-6</td>
<td>NOT ESTABLISHED</td>
</tr>
<tr>
<td>[PA,NJ,MA] Sodium Hydroxide (CAS# 1310-73-2)</td>
<td>3-5</td>
<td>2 MG/M3 ACGIH/OSHA CEILING</td>
</tr>
<tr>
<td>[PA,NJ,MA] Monoethanolamine (CAS# 141-43-5)</td>
<td>3-6</td>
<td>3 PPM ACGIH/OSHA TWA, 6 PPM ACGIH/OSHA STEL</td>
</tr>
<tr>
<td>Water (CAS# 7732-18-5)</td>
<td>75-90</td>
<td>NA</td>
</tr>
</tbody>
</table>

See Regulatory Information (Section XII) for explanation of bracketed information.

SECTION III-PHYSICAL DATA

APPEARANCE/ODOR:  
Clear liquid with citrus odor

SPECIFIC GRAVITY (H2O=1):  
1.1

VAPOR PRESSURE (mm Hg):  
ND

PERCENT VOLATILE BY VOLUME (%):  
NA

SOLUBILITY IN WATER:  
Complete

VAPOR DENSITY (AIR=1):  
ND

FREEzing POINT (°F):  
ND

BOILING POINT (°F):  
above 200

MIN:  
12.8 Min. (undiluted)

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):  
NA

FLAMMABLE LIMITS:  
NA

EXTINGUISHING MEDIA:  

SPECIAL FIREFIGHTING PROCEDURES:  
Normal fire fighting procedures may be used.

UNUSUAL FIREF AND EXPLOSION HAZARDS:  
Corrosive Material (See Sections VI, VIII).
MATERIAL SAFETY DATA SHEET

SECTION V-HEALTH HAZARD DATA

STABILITY: Stable

STABILITY-CATEGORY: None known

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

HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.

HAZARDOUS POLYMERIZATION-CONDITIONS TO AVOID: None known

SECTION VI-REACTIVITY DATA

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with oil-dry or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.

WASTE DISPOSAL INFORMATION: For undiluted product: Disposal is regulated under the Resource Conservation and Recovery Act as a corrosive waste (40 CFR 261.22). Disposal of regulated quantities should be by neutralization at a permitted facility in accordance with all Federal/State regulations and local ordinances regarding disposal of corrosive wastes. Waste from normal product use may be severed to a public-owned treatment works (POTW) in compliance with applicable Federal, State, and local pretreatment requirements.

SECTION VII-SPILL OR LEAK PROCEDURES

RESPIRATORY PROTECTION: No special requirements under normal use conditions.

VENTILATION: General room ventilation adequate.

PROTECTIVE GLOVES: Rubber.

PERSONAL PROTECTION: For undiluted product: Chemical workers splash-proof goggles.