

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

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

HAZARD RATING	
HMIS	NFPA
3 Health	
0 Flammability	
0 Reactivity	

MATERIAL SAFETY DATA SHEET

SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: BREAK-UP			PRODUCT CODE 14490-9
CHEMICAL OR COMMON NAME NA	DATE ISSUED: 06/29/90	SUPERSEDES: 03/13/89	PREPARED BY: Terry A. Meyers Chemical Info. Adm.

SECTION II-INGREDIENT INFORMATION

INGREDIENTS	WEIGHT %	EXPOSURE LIMIT
[PA,NJ,MA] Potassium Hydroxide (CAS# 1310-58-3)	1-2	2 MG/M3 ACGIH/OSHA CEILING
Tetrapotassium Pyrophosphate (CAS# 7320-34-5)	3-7	NOT ESTABLISHED
Tripotassium Salt of EDTA (CAS# 17572-97-3)	2-4	NOT ESTABLISHED
Sodium Silicate (CAS# 1344-09-8)	1-3	NOT ESTABLISHED
Alkyl Aryl Sulfonate (CAS# 68411-30-3)	3-6	NE
[SARA,PA,NJ,MA] Glycol Ether (CAS# 111-76-2)	1-2	25 PPM ACGIH/OSHA TWA (SKIN)
Water (CAS# 7732-18-5)	75-90	NA
See Regulatory Information (Section XII) for explanation of bracketed information.		

SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: pale yellow liquid with mild solvent odor	SPECIFIC GRAVITY (H2O=1): 1.1
VAPOR PRESSURE (mm Hg): NA	PERCENT VOLATILE BY VOLUME (%): NA
SOLUBILITY IN WATER: Complete	VAPOR DENSITY (Air=1): NA
FREEZING POINT (°F): ND	BOILING POINT (°F): ND
pH: 12.0 minimum	EVAPORATION RATE (Butyl Acetate=1): NA
VOC (as packaged, minus H2O):	THEORETICAL VOC (lb/gal):

SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (Method Used): NA
FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: Foam. CO2. Dry Chemical. Water Fog.

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SECTION IV-FIRE AND EXPLOSION INFORMATION (cont.)

SPECIAL FIREFIGHTING PROCEDURES: Normal fire fighting procedures may be used. Cool and use caution when approaching or handling fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Corrosive Material (See Sections VI, VIII).
Container may burst in heat of fire.

SECTION V-HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Eye contact. Skin contact.

SIGNS AND SYMPTOMS: Direct contact of product with eyes can cause severe irritation and damage. Prolonged or repeated contact of product with skin may cause irritation. Product spray mist, fog or vapor may cause irritation to nose, throat and lungs if adequate ventilation is not employed.

FIRST AID PROCEDURES: If eye contact occurs, flush eyes with water for 15 minutes, then get prompt medical aid. Wash skin with plenty of water. If irritation persists, seek medical aid. If difficulty or discomfort in breathing is experienced, remove to fresh air and get medical attention. If product is swallowed, seek medical aid at once.

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).

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: Dike large spills. Absorb with oil-dri 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 sewerred to a public-owned treatment works (POTW) in compliance with applicable Federal, State, and local pretreatment requirements.

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: No special requirements under normal use conditions. If mists/vapors are not adequately controlled by local ventilation, use appropriate respiratory protection to prevent overexposures.

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SECTION VIII-SPECIAL PROTECTION INFORMATION (cont.)

VENTILATION: General room ventilation adequate.

PROTECTIVE GLOVES: Any impervious material.

EYE PROTECTION: Chemical workers splash-proof goggles

OTHER PROTECTIVE MEASURES: Use good personal hygiene practices. Where gross eye/skin contact may be a problem, wear/use appropriate protective equipment. Launder contaminated clothing/equipment before reuse.

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: WARNING:CORROSIVE. Can cause burns. Contains water-soluble degreasing agents, surfactants and inorganic builders. Do not get in eyes, on skin or on clothing. May cause skin or eye irritation. Do not breathe spray mists in spraying or other uses. Wear rubber or plastic gloves for manual cleaning. Keep out of reach of children.

OTHER HANDLING AND STORAGE CONDITIONS: Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Wash thoroughly after handling. Keep from freezing.

SECTION X-ADDITIONAL INFORMATION

ADDITIONAL INFORMATION: NA

SECTION XI-TRANSPORTATION INFORMATION

DOT CLASS: Corrosive Liquid.

DOT #: NA 1760.

SHIPPING NAME: Compound, cleaning, liquid. Corrosive material.

DOT NOTES: Containing: Potassium-Hydroxide

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.

NJ - 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.

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NA-Not Applicable, NE-Not Established, NSR-No Special Requirement, ND-Not Determined

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