

S.C. JOHNSON & SON, INC. -- BREAK UP, 14490-009 -- 7930-01-108-1454

===== Product Identification =====

Product ID: BREAK UP, 14490-009

MSDS Date: 01/08/1988

FSC: 7930

NIIN: 01-108-1454

MSDS Number: BHFDV

=== Responsible Party ===

Company Name: S.C. JOHNSON & SON, INC.

City: RACINE

State: WI

ZIP: 53403-5011

Country: US

Info Phone Num: (414) 631-2777

Preparer's Name: ROBERT B. O'BRIEN

CAGE: 3E566

=== Contractor

Identification ===

Company Name: S.C. JOHNSON & SON INC MILITARY SALES STATION 005

Address: 1525 HOWE ST

Box: City: RACINE

State: WI

ZIP: 53403-2237

Country: US

Phone: 414-631-2777

CAGE: 3E566

Company Name: SC JOHNSON AND SON INC

Address: 1525 HOWE ST

Box: City: RACINE

State: WI

ZIP: 53403-2236

Country: US

Phone: 800-725-6737

CAGE: 32204

===== Composition/Information on Ingredients =====

Ingred Name: POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS #: TT2100000

Fraction by Wt: 1-2%

OSHA PEL

:C, 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TETRAPOTASSIUM PYROPHOSHATE  
CAS:7320-34-5  
RTECS #:JL6735000  
Fraction by Wt: 3-7%

Ingred Name:TRIPOTASSIUM SALT OF EDTA  
CAS:17572-97-3  
Fraction by Wt: 2-4%

Ingred Name:SODIUM SILICATE  
CAS:1344-09-8  
Fraction by Wt: 1-3%

Ingred Name:ALKYL ARYL SULFONATE  
CAS:68411-30-3  
Fraction by Wt: 3-6%

Ingred Name:2-BUTOXYETHANOL  
CAS:111-76-2  
RTECS #:KJ8575000  
Fraction by Wt: 1-2%  
OSHA PEL:S, 50 PPM  
ACGIH TLV:S, 25 P  
PM; 9293

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 75-90%

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:DIRECT CONTACT OF PRODUCT WITH EYES  
CAN CAUSE SEVERE IRRITATION AND DAMAGE. PRO-LONGED OR REPEATED  
CONTACT OF PRODUCT WITH SKIN MAY CAUSE IRRITATION. PRODUCT SPRAY  
MIST OR FOG MAY CAUSE IRRI

TATION T O NOSE, THROAT AND LUNGS IF  
ADEQUATEVENTILATION IS NOT EMPLOYED

Effects of Overexposure:DIRECT CONTACT OF PRODUCT WITH EYES CAN CAUSE  
SEVERE IRRITATION AND DAMAGE. PRO-LONGED OR REPEATED CONTACT OF  
PRODUCT WITH SKIN MAY CAUSE IRRITATION. PRODUCT SPRAY MIST OR FOG  
MAY CAUSE IRRITATION T O NOSE, THROAT AND LUNGS IF  
ADEQUATEVENTILATION IS NOT EMPLOYED

===== First Aid Measures =====

First Aid:IF EYE CONTACT OCCURS, FLUSH EYES WIT  
H WAER FOR 15 MIN., THEN  
GET PROMPT MEDICALAID. WASH SKIN WITH PLENTY OF WATER. IF  
IRRITATION PERSISTS, SEEK MEDICAL AID. IF DIFFICULTY OR DISCOMFORT  
IN BREATHING IS EXPERIENCED, REMOVE TO FRESH AIR ANDGET MEDICAL  
ATTENTION. IF PRODUCT IS SWALLOWED, SEEK MEDICAL AID AT ONCE.

===== Fire Fighting Measures =====

Extinguishing Media:FOAM, C02, DRY CHEMICAL, WATER FOG  
Fire Fighting Procedures:COOL AND USE CAUTION WHEN APPROACHING OR  
HANDLING F  
IRE-EXPOSED CONTAINERS  
Unusual Fire/Explosion Hazard:CORROSIVE MATERIAL CONTAINER MAY BURST IN  
HEAT OF FIRE

===== Accidental Release Measures =====

Spill Release Procedures:DIKE LARGE SPILLS. ABSORB WITH OIL-DRI OR  
SIMILAR INERT MATERIAL. SWEEP OR SCRAPE UP & CONTAINERIZE RINSE  
EFFECTED AREA THOROUGHLY WITH WATER

===== Handling and Storage =====

Handling and Storage Precautions:PRODUCT RESIDUE MAY REMAIN ON/IN EMPTY  
CONTAINERS.ALL PRECAUTIONS FOR HANDLING THE PRODUCT MUST BE USED.  
KEEP FROM FREEZING. WASH THOROUGHLY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER NORMAL USE  
CONDITIONS. IF MISTS/VAPORS ARE NOT AD-EQUATELY CONTROLLED BY LOCAL  
VENTILATION, USE APPROPRIATE RESPIRATORY PROTECTIONTO PREVENT  
OVEREXPOSURES

Ventilation:GENERAL ROOM VENTILATION ADEQUATE

Protective Gloves:ANY IMPERVIOUS MATERIAL

Eye Protect

ion:CHEMICAL WORKERS SPLASH-PROOF GOGGLES

Other Protective Equipment:WHERE NEEDED USE PROTECTIVE EQUIPMENT FOR EYES AND SKIN

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICES, WASH EQUIPMENT BEFORE REUSE.

Supplemental Safety and Health

CAN CAUSE BURNS. CONTAINS WATER-SOLUBLE DEGREASING AGENTS, SURFACTANTS & INOR- GANIC BUILDERS. DO NOT GET IN EYES, IN SKIN OR ON CLOTHING. MAY CAUSE SKIN OR EYE IRRITATION. DO NOT BREATHE SPRAY MIS TS. WEAR RUBBER OR PLASTIC GLOVE

S FORMANUAL CLEANING. KEEP OUT OF REACH OF CHILDREN

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:ND

Spec Gravity:1.1

pH:12.0

Solubility in Water:COMPLETE

Appearance and Odor:PALE YELLOW LIQUID WITH MILD SOLVENT ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NK

Hazardous Decomposition Products:WHEN EXPOSED TO FIRE, PRODUCES NORMAL PRODUCES NORMAL PRO- DUCTS OF COMBUSTION

===== Disposal Considerations =====

Waste Disposal Methods:FOR UNDILUTED PRODUCT: DISPOSAL IS REGULATED UNDERTHE RESOURCE CONSERVATION AND RECOVERY ACT AS A CORROSIVE WASTE. DISPOSAL OF REGULATED QUANTITIES SHOULD BE NEUTRALIZATION AT A PERMITTED FACILITY IN ACCORDANCE WITH ALL FEDERAL/STATE REGULATIONS

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