

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 UNDER THE 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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