

JOHNSON S C AND SON INC -- BREAK-UP 14490-9 TO 14494-9 -- 7930-01-108-1454

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

Product ID: BREAK-UP 14490-9 TO 14494-9
MSDS Date: 06/14/1994
FSC: 7930
NIIN: 01-108-1454
Status Code: A
MSDS Number: CKZQM
==== Responsible Party ====
Company Name: JOHNSON S C AND SON INC
Address: 1525 HOWE ST
City: RACINE
State: WI
ZIP: 53403-2237
Country: US
Emergency Phone Num: 800-228-5635 X092
Pr
Preparer's Name: TERRY A MEYERS
CAGE: 32204
==== Contractor Identification ====
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
CAS: 1310-58-3
RTECS #: TT2100000
Minimum % Wt: 1.
Maximum % Wt: 2.
OSHA PEL: 2 MG/M3 CEILING
ACGIH TLV: 2 MG/M3 CEILING
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Ingred Name: TETRAPOTASSIUM

PYROPHOSPHATE
CAS:7320-34-5
RTECS #:JL6735000
Minumum % Wt:3.
Maxumum % Wt:7.

Ingred Name:TRIPOTASSIUM SALT OF EDTA
CAS:17572-97-3
RTECS #:MC0372000
Minumum % Wt:2.
Maxumum % Wt:4.

Ingred Name:SODIUM SILICATE
CAS:1344-09-8
Minumum % Wt:1.
Maxumum % Wt:3.

Ingred Name:ALKYL ARYL SULFONATE
CAS:68411-30-3
Minumum % Wt:3.
Maxumum % Wt:6.

Ingred Name:ETHYLENE GLYCOL MONOBUTYL ETHER
CAS:111-76-2
RTECS #:KJ8575000
Minumum % Wt:1.
Maxumum % Wt:2.
OSHA PEL:25 PPM TWA SKIN
ACGIH TLV:25 PPM TWA SKIN

In
gred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Minumum % Wt:75.
Maxumum % Wt:90.

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

Effects of Overexposure:CONTACT WITH EYES CAN CAUSE SEVERE IRRITATION AND DAMAGE. PROLONGED/REPEATED CONTACT CAN IRRITATE SKIN. SPRAY MIST, FOG, OR VAPOR CAN IRRITATE NOSE, THROAT, AND LUNGS IF ADEQUATE VENTILATION IS NOT EM PLOYED.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS

=====
First Aid Me
=====

asures =====

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.
REMOVE CONTACT LENSES. GET MEDICAL ATTENTION. SKIN: FLUSH WITH
COPIOUS AMOUNTS OF WATER. IF IRRITATION PERSISTS, SEE DR.
INHALATION: REMOVE T O FRESH AIR. GET MD ATTN. INGESTION: CALL DR
AT ONCE.

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

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:NORMAL FIRE FIGHTING PROCEDURES MA
Y BE USED.

COOL AND USE CAUTION WHEN APPROACHING/HANDLING FIRE 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 AND CONTAINERIZE. RINSE
AFFECTED AREA WITH WATER

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

Handling an

d Storage Precautions:WARNING! CORROSIVE. CAN CAUSE BURNS.

CONTAINS WATER SOLUABLE DEGREAINING AGENTS, SURFACTANTS AND INORGANIC
BUILDERS. DO NOT GET IN EYES, ON SKIN OR CLOTHING. MAY CAUSE
SKIN/EYE IRRITATION. DO NOT BREATH E SPRAY MISTS. KEEP AWAY FROM
CHILDREN.

Other Precautions:PRODUCT RESIDUE MAY REMAIN ON/IN EMPTY CONTAINERS.

ALL PRECAUTIONS FOR HANDLING PRODUCT MUST BE USED IN HALDLING EMPTY
CONTS. WASH THOROUGHLY AFTER HANDLING. KEEP FROM FREEZING. WASTE
FROM NO

ORMAL PROD UCT USE MAY BE SEWERED TO PUBLIC OWNED TREATMENT

WORKS IN COMPLIANCE W/ FED/STATE/LOCAL PRE-TREATMEN T REQUIREMENTS.

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

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER NORMAL CONDITIONS.

IF MISTS/VAPORS ARE NOT ADEQUATELY CONTROLLED BY LOCAL VENTILATION,
USE APPROPRIATE RESPIRATORY PROTECTION TO PREVENT OVEREXPOSURES.

Ventilation:GENERAL ROOM VENTILATION

Protective Gloves:ANY IMPERVIOUS MATERIAL

Eye Pro

tection:SPLASH PROOF GOGGLES

Other Protective Equipment:GROSS EYE/SKIN CONTACT MAY BE A PROBLEM.

WEAR/USE APPROPRIATE PROTECTIVE EQUIPMENT

Work Hygienic Practices:USE GOOD PERSONAL HYGENE PRACTICES. LAUNDER
CONTAMINATED CLOTHING/EQUIPMENT BEFORE REUSE.

Supplemental Safety and Health

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

Spec Gravity:1.1 WATER=1

pH:12.0 MINIMUM

Solubility in Water:COMPLETE

Appearance and Odor:PALE YELLOW LIQUID WITH MILD SOLVENT ODOR

=====

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS (EG. MURIATIC ACID)

Hazardous Decomposition Products:WHEN EXPOSED TO FIRE, PRODUCES NORMAL
PRODUCTS OF COMBUSTION.

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

Waste Disposal Methods:FOR UNDILUTED PRODUCT: DISPOSAL IS REGULATED
UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT AS A CORROSIVE
WASTE (40CFR261.22). DISPOSAL OF REGULATED QUANTITI
ES SHOULD BE BY
NEUTRALIZATION AT PERMIT TED FACILITY IN ACCORDANCE
W/FED/STATE/LOCAL REGULATIONS.

===== Regulatory Information =====

SARA Title III Information:ETHYLENE GLYCOL MONOBUYL ETHER CAS
#111-76-2.

Federal Regulatory Information:POTASSIUM HYDROXIDE: SUBJECT TO
REPORTING REQUIREMENTS UNDER MA HAZARDOUS SUBSTANCE LIST; ALSO NJ
RIGHT TO KNOW SUBSTANCE LIST; ALSO UNDER PA HAZARDOUS SUBSTANCE
LIST.

State Regulatory Information:

Di

sclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.