

S C JOHNSON & SON INC -- FORWARD DC, 55 GAL -- 7930-01-062-8082

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

Product ID:FORWARD DC, 55 GAL

MSDS Date:01/15/1996

FSC:7930

NIIN:01-062-8082

MSDS Number: CHPJP

=== Responsible Party ===

Company Name:S C JOHNSON & SON INC

Address:1525 HOWE ST

City:RACINE

State:WI

ZIP:53403-2236

Country:US

Info Phone Num:800-228-5635

Emergency Phone Num:800-228-5635; 612-221-3999

C

AGE:0U826

=== Contractor Identification ===

Company Name:S C JOHNSON & SON INC/PROF WAX DIV

Address:1525 HOWE ST

City:RACINE

State:WI

ZIP:53403

Country:US

Phone:800-725-6737/414-886-1480 INTNL#

CAGE:0U826

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:SODIUM HYDROXIDE (CERCLA). LD50: (ORAL, RAT) 140-340
MG/KG.

CAS:1310-7

3-2
RTECS #:WB4900000
Fraction by Wt: 0.1-1.5%
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3, C
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDES. LD50: (ORAL, RAT) 500 MG/KG.
CAS:68391-01-5
Fraction by Wt: 1.6%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:GLYCOLS, POLYETHYLENE, MONO(P-NONYLPHENYL) ETHER;
(ALKYLPHENOXY POLYETHOXYETHANOL). LD50:(ORAL, RAT) 1,600-2,000 MG/KG.
CAS:26027-38-3
RTECS #:MD0906000
Fraction by Wt: 1-5%
OSHA PEL:N/K
ACGIH TLV:
N/K

Ingred Name:SODIUM TRIPOLYPHOSPHATE. LD50: (ORAL, RAT) 6,500 MG/KG.
CAS:7758-29-4
RTECS #:YK4570000
Fraction by Wt: 1-5%
OSHA PEL:N/K
ACGIH TLV:N/K
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM SILICATE. LD50: (ORAL, RAT) 1,150 MG/KG.
CAS:1344-09-8
Fraction by Wt: 1-5%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 80-90%
OSHA PEL:N/K
ACGIH TLV:N/K

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

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D50 LC50 Mixture:SEE INGREDIENTS

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: MAY CAUSE MODERATE EYE IRRITATION. SKIN: MAY CAUSE MODERATE SKIN IRRITATION. INHALATION: NONE KNOWN. INGESTION: MAY BE HARMFUL IF SWALLOWED.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO IRRITATING EFFECTS.

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

First Aid:INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIAL RESPIRATION) . EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 TO 20 MINUTES. IF IRRITATION PERSISTS, GET MEDIC AL ATTENTION. SKIN: WASH CONTAMINATED AREA WITH WATER AND SOAP. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGEST: IMMEDIATELY DRINK 1-2 GLASSES OF WATER OR MILK. SEEK IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:FOAM. CARBON DIOXIDE. WATER FOG.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . COOL AND USE CAUTION WHEN APPROACHING OR HANDLING FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:CORROSIVE MATERIAL (SEE SPECIAL PROTECTION INFORMATION). CONTAINER MAY BURST IN HEAT OF FIRE.

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

Spill Release Procedures:ABSORB WITH OIL-DRI OR SIMILAR INERT MATERIAL. SWEEP OR SCRAPE UP AND CONTAINERIZE. RINSE AFFECTED AREA THOROUGHLY WITH WATER. WEAR/USE APPROPRIATE PROTECTIVE EQUIPMENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:HAZARDS TO HUMANS AND ANIMALS. DANGER: AVOID EYE AND SKIN CONTACT. MAY BE HARMFUL IF SWALLOWED. KEEP OUT

OF REACH OF CHILDREN.

Other Precautions:LAUNDER CONTAM CLTHG/EQUIP BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN. STORE IN COOL, DRY PLACE W/ADEQ VENT. PROD RESIDUE MAY REMAIN ON/IN EMPTY CNTNRS. ALL PRECAUTIONS FOR HANDLING PROD MUST BE USED IN HANDLING EMPTY CNTNR & (SUPDAT)

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Exposure Controls/Personal Protection
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Respiratory Protection:NO SPECIAL REQUIRMENTS UNDER NORMAL USE CONDITIONS. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:NO SPECIAL REQUIREMENTS.

Protective Gloves:ANY IMPERVIOUS MATERIAL.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER . IF MAJOR EXPOSURE IS POSS TO EYES/SKIN, WEAR/USE APPROP PROT EQUIP.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PH: 12.5-13.5. OTHER PRECS: RESIDUE. KEEP FROM FREEZING. WASH THOROUGHLY AFTER HANDLING.

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Physical/Chemical
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Properties =====

Spec Gravity:1.08 (H*2O=1)

pH:SUPDAT

Solubility in Water:COMPLETE

Appearance and Odor:GREEN LIQUID; MILD ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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Disposal Considerations
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Waste Disposal M

ethods:DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL,
STATE AND LOCAL REGULATIONS .

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