

FISHER SCIENTIFIC, CHEMICAL DIV. -- 41136 BUFFER SOLUTION PH7 -- 6630-00-973-9003

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

Product ID:41136 BUFFER SOLUTION PH7

MSDS Date:10/21/1997

FSC:6630

NIIN:00-973-9003

Status Code:A

MSDS Number: CHWZF

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-71

00 OR 201-796-7523

Emergency Phone Num:201-796-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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

Ingred Name:SODIUM HYDROXIDE (CERCLA)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 1.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TL

V:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 99.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

Ingred Name:POTASSIUM PHOSPHATE, MONOBASIC
CAS:7778-77-0
Fraction by Wt: 1.0%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:Y
ES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRIT.SKIN:MAY CAUSE
IRRIT.LOW HAZ FOR USUAL INDUSTRIAL HNDGL.INGEST:MAY CAUSE IRRIT OF
DIGESTIVE TRACT.INHAL:MAY CAUSE RESPIRATORY TRACT IRRIT.LOW HAZ FOR
USUAL INDUSTRIAL HNDLG.CHRONIC :NOT AVAILABLE.
Explanation of Carcinogenicity:PER MSDS:NOT LISTED BY
ACGIH,IARC,NIOSH,NTP,OSHA.
Effects of Overexposure:EYE IRRIT,SKIN IRRIT,DIGESTIVE TRACT
IRRIT,RESPIRATORY TRACT IRRIT.
M
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.
TARGET ORGANS:NONE.

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

First Aid:EYE:GET MED AID.GENTLY LIFT EYELIDS & FLUSH CONT
W/WATER.SKIN:GET MED AID IF IRRIT DVLPS/PERSISTS.FLUSH W/PLENTY OF
SOAP/WATER.INGEST:VICTIM CONSC/ALERT GIVE 2-4CUPFULS OF MILK OR
WATER.GET MED AID.IN HAL:REMOVE FRM EXPO TO FRESH AIR IMMED.NOT
BRATH GIVE ART RESP.GET MED AID IF COUGH/OTHER SYMPT APPEAR.NOTES

TO DR:TREAT SYMPTOMATICALLY & SUPPORTIVELY.ANTIDOTE:NONE REPORTED.

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

Flash Point:N/AVAILABLE

Lower Limits:N/AVAI

Upper Limits:N/AVAI

Extinguishing Media:SUBSTANCE IS NON-COMBUSTIBLE;USE AGENT MOST APPROPRIATE TO EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:AS IN ANY FIRE WEAR SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND,MSHA/HIOSH(APPROV OR EQUIV)& FULL PROTECTIVE GEAR.

Unusual Fire/Explosion

Hazard:SUBSTANCE IS NON-COMBUSTIBLE.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQPMT AS INICATED.ABSORB SPILL W/INERT MATL(DRY SAND OR EARTH),THEN PLACE INTO CHEMICAL WASTE CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE W/ADEQUATE VENTILATION.AVOID CONTACT W/EYES.KEEP CNTNR TIGHTLY CLSD.AVOID INGESTION & INHALATION.

Other Precautions:STORE IN COOL DRY PLACE.

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

Respiratory Protection:FOLLOW OSHA RESPIRATOR REGULATIONS FOUND IN 29CFR1910.134.ALWAYS USE NIOSH-APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.

Protective Gloves:APPROP GLOVES

Eye Protection:APPROP PROT EYEGLASSES/CHEM SAF GOGG

Other Protective Equipment:EYE PROT

IAW 29CFR1910.133.WEAR APPROP PROT CLOTHING TO MIN CONTACT W/SKIN.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:N/AVAI

Melt/Freeze Pt:M.P/F.P Text:N/AVAI

Decomp Temp:Decomp Text:N/AVAI

Vapor Pres:14

Vapor Density:N/AVAI

Spec Gravity:N/AVAI

pH:NP

Evaporation Rate & Reference:NP

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID,

ODOR NOT AVAILABLE
Percent Volatiles by Volume:NP
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
THERE IS NO INFORMATION FOR ANY INCOMPATIBILITIES FOR THIS SUBSTANCE
Stability Condition to Avoid:NONE REPORTED
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISPOSE OF IN MANNER CONSISTENT W/LOCAL, STATE
AND FEDERAL REGULATIONS.R
CRA NOT LISTED.NOT LISTED AS MATL BANNED
FROM LAND DISPOSAL ACCORDING TO RCRA.NOT CHEMS REPROTABLE UINDER
SEC 313 OF SARA.SODIUM HYDROXIDE LISTED AS HAZ SUBSTANCE UNDER
CWA.

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