BUFFER SOLUTIONS (PH 3.0,4.0,5.0)#SB98500

MSDS Number

BBFCS

National Stock Number

6850-00D001273

Product Name

BUFFER SOLUTIONS (PH 3.0,4.0,5.0)#SB98500

Manufacturer

FISHER SCIENTIFIC CHEMICAL DIV

Product Identification

Product ID:BUFFER SOLUTIONS (PH 3.0,4.0,5.0)#SB98500
MSDS Date:01/01/1987
FSC:6850
NIIN:00D001273
MSDS Number: BBFCS

Responsible Party

FISHER SCIENTIFIC,CHEMICAL DIVISION.

Emergency Phone: (201)796-7100

Cage: 1B464

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight:

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

POTASSIUM HYDROGEN PHTHALATE,CAS#877-24-7

Fraction By Weight: >1.0%

ACGIH TLV: NOT SPECIFIED

FORMALDEHYDE (SARA III)

CAS: 50-00-0

RTECS: LP8925000

Fraction By Weight: 0.04%

OSHA PELSEE 1910.1048

ACGIH TLV: C 0.3 PPM; A2; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 0.05%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER,CAS#7732-18-5

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 99.0%

Hazards

Effects of Overexposure:EYES:IRRITATION;SKIN:IRRITATION;INHAL;RESP. TRACT IRRITATION;INGEST:;NAUSEA,VOMITING AND DIARRHEA.

First Aid

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

Fire Fighting

Flash Point:NONE
Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,WATER
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA IF NEEDED
Unusual Fire/Explosion Hazard:NEGLIGIBLE

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;USE SUITABLE ABSORBENT MATERIAL AND RECOVER FOR LATER DISPOSAL;KEEP OUT OF SEWERS AND WATER SOURCES.

Handling

Handling and Storage Precautions:STORE IN COOL DRY AND WELL VENTILATED AREA;KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:AVOID CONTACT WITH SKIN AND EYES;DO NOT BREATHE VAPORS OR TAKE INTERNALLY.

Exposure Controls

Respiratory Protection:NO SPECIAL REQMNTS UNDER ORDINARY CONDITIONS/ADEQUATE VENT.
Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY/CHEM GOGGLES
Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.

Supplemental Safety and Health
MSDS DATED:09/24/85

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:212F/100C
Vapor Pres:14
Vapor Density:0.7
Spec Gravity:1.0
Evaporation Rate & Reference:>1.0 (ETHER=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR COLORLESS LIQUID(MAY COLOR CODED AS PER PH)

Stability

Stability Indicator/Materials to Avoid:YES
WATER-REACTIVE SUBSTANCES,LIKE OLEUM,SODIUM
Stability Condition to Avoid:EXTREME HEAT
Hazardous Decomposition Products:A SMALL AMOUNT OF HCL GAS AND A TRACE OF FORMALDEHYDE

Disposal

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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