

BUFFER SOLUTION PH 800, B-295

MSDS Number

BZPZM

National Stock Number

6810-00N064415

Product Name

BUFFER SOLUTION PH 800, B-295

Manufacturer

RED BIRD SERVICE

Product Identification

Product ID:BUFFER SOLUTION PH 800, B-295

MSDS Date:04/26/1993

FSC:6810

NIIN:00N064415

MSDS Number: BZPZM

Responsible Party

RED BIRD SERVICE

205 WESTERN AVE

OSGOOD , IN 47037

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 800-428-3502

Preparer: GENE C FEITH

Cage: 0H0Z7

Contractor

RED BIRD SERVICE

OSGOOD, IN 47037

US

812-689-4040;800-428-3502

Cage: 0H0Z7

Ingredients

383 MG/KG

CAS: 7447-40-7

RTECS: TS8050000

Fraction By Weight: 0.37%

OSHA PELN/K

ACGIH TLV: N/K

SODIUM HYDROXIDE (CERCLA)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 0.01%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

THYMOL,

CAS: 76-61-9

RTECS: XP2575000

Fraction By Weight: 0.002%

OSHA PELN/K

ACGIH TLV: N/K

BORIC ACID

CAS: 10043-35-3

RTECS: ED4550000

Fraction By Weight: 0.30%

OSHA PEL10 MG BORATES/M3

ACGIH TLV: 5 MG BORATES/M3

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: BALANCE

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:SEE INGREDIENTS.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: VERY LOW IN TOXICITY. LARGE QUANTITIES INGESTED MAY PRODUCE NAUSEA, VOMITING AND ABNORMAL SENSATIONS IN HANDS AND FEET. BECAUSE OF SLIGHT ALKALINITY, IT MAY CAUSE IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANES. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MIN INCLUDING UNDER EYELIDS. GET MED ATTENTION IF IRRITATION PERSISTS. SKIN: FLUSH W/WATER. GET MED ATTENTION IF RASH/IRRITATION DEVELOPS. INHALATION: REMOVE TO FRESH AIR. INGESTION: GIVE WATER OR MILK TO DRINK TO DILUTE. IF GASTROINTESTINAL IRRITATION OCCURS, CONSULT MD FOR FURTHER ADVICE. CONTACT LENSES POSE A SPECIAL HAZARD. SOFT LENSES ABSORB & ALL LENSES CONCENTRATE IRRITANTS.

Fire Fighting

Flash Point:NOT FLAMMABLE

Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE .

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE FOUND.

Accidental Release

Spill Release Procedures:MAY BE FLUSHED TO A DRAIN.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN WELL CLOSED CONTAINERS IN A COOL, DRY AREA.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NOT EXPECTED TO BE REQUIRED UNDER NORMAL LABORATORY CONDITIONS. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:GENERAL IS ADEQUATE.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS .
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .
Work Hygienic Practices:LAUNDER ALL CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
PH: 8.00 +/- 0.02.

Chemical Properties

Boiling Pt:B.P. Text:212F,100C
Vapor Pres:14
Vapor Density:0.7
pH:SUPDAT
Evaporation Rate & Reference:>1 (BUTYL ACETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS SOLUTION, WITH FAINT MINT-LIKE ODOR FROM PRESERVATIVE
Percent Volatiles by Volume:99

Stability

Stability Indicator/Materials to Avoid:YES
NONE FOUND.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:WHEN HEATED TO DECOMPOSITION, TOXIC FUMES OF POTASSIUM AND CARBON MAY BE FORMED.

Disposal

Waste Disposal Methods:MAY BE DISPOSED OF IN A STANDARD SEWER SYSTEM.
FOLLOW ALL STATE, FEDERAL AND LOCAL REGULATIONS.

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