R-0010 CALCIUM BUFFER

MSDS Number

BBHFC

National Stock Number

6810-00F000716

Product Name

R-0010 CALCIUM BUFFER

Manufacturer

TAYLOR CHEMICALS INC

Product Identification

Product ID:R-0010 CALCIUM BUFFER
MSDS Date:01/01/1990
FSC:6810
NIIN:00F000716
MSDS Number: BBHFC

Responsible Party

TAYLOR CHEMICALS, INC.

31 LOVETON CIRCLE

SPARKS , MD 21152

Emergency Phone: (301) 472-4340

Info Phone: (301) 472-4340

Preparer: STEPHEN M. BACON

Cage: 89975

Contractor

TAYLOR TECHNOLOGIES, INC

SPARKS, MD 21152

401-472-4340

Cage: 89975

Ingredients

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 1.9%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:ORAL RATS LD50: 140-340 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: IRRITATION, DERMATITIS, & BURNS. EYES: DESTRUCTION OF TISSUE, IRREPARABLE CORNEAL DAMAGE & POSSIBLE BLINDNESS. INGESTION: GASTROINTESTINAL IRRITATION & BURNS OF THE MOUTH, THROAT, EPOPHAGUS, & S TOMACH.
Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: IRRITATION, DERMATITIS, & BURNS. EYES: DESTRUCTION OF TISSUE, IRREPARABLE CORNEAL DAMAGE & POSSIBLE BLINDNESS. INGESTION: GASTROINTESTINAL IRRITATION & BURNS OF THE MOUTH, THROAT, ESOPHAGUS, & S TOMACH.

First Aid

First Aid:SKIN/EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. WASH AREA THOROUGHLY W/SOAP & WATER. INGESTION: DON'T INDUCE VOMITING.IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER. IF VOMITING OCCURS SPONTANE OUSLY, KEEP AIRWAY CLEAR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS REQUIRED.

Accidental Release

Spill Release Procedures:NEUTRALIZE W/WEAK ACID SUCH AS ACETIC ACID & FLUSH TO SEWER OR, IF DESIRED, ABSORB NEUTRALIZED SOLUTION W/VERMICULITE, OR OTHER INERT MAERIAL, & CONTAINERIZE FOR OTHER DISPOSAL.

Handling

Handling and Storage Precautions:AVOID ALL CONTACT WITH SKIN, CLOTHING OR OTHER CHEMICALS, METALS.
Other Precautions:CAN REACT VIOLENTLY WITH ACIDS; GENERATES HEAT ON DILUTION. SHOULD ALWAYS BE HANDLED WITH CAUTION.

Exposure Controls

Protective Gloves:GENERAL PURPOSE
Eye Protection:SAFETY GLASSES, GOGGLES
Other Protective Equipment:LAB COAT
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:230F
Vapor Pres:17
Vapor Density:0.6
Spec Gravity:1.2
Evaporation Rate & Reference:(WATER = 1): 1
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS, ODORLESS LIQUID
Percent Volatiles by Volume:80%

Stability

Stability Indicator/Materials to Avoid:YES
METALS SUCH AS ALUMINUM, OTHER CHEMICALS, METALS, STRONG ACIDS, ALDEHYDES, COMPOUNDS, ORGANIC HALOGENS, TIN, LEAD/ZINC.
Hazardous Decomposition Products:FLAMMABLE HYDROGEN GAS

Disposal

Waste Disposal Methods:FLUSH NEUTRALIZED SOLUTION TO SEWER. IF ABSORBED W/INERT MATERIAL, DISPOSE OF BY INCINERATION OR OTHER METHOD APPROVED OF BY LOCAL, STATE, OR FEDERAL REGULATIONS.

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