

Material Safety Data Sheet

Name R-0010 CALCIUM BUFFER
Company TAYLOR TECHNOLOGIES INC

MSDS bwhfl
FSC 6810

MSDS Safety Information

FSC: 6810
MSDS Date: 02/01/1992
MSDS Num: BWHFL
LIIN: 00F000716
Product ID: R-0010 CALCIUM BUFFER
MFN: 02
Responsible Party
Cage: E0526
Name: TAYLOR TECHNOLOGIES INC
Address: 31 LOVETON CIRCLE
City: SPARKS MD 21152-9201
Info Phone Number: 410-472-4340
Emergency Phone Number: 410-472-4340
Review Ind: Y
Published: Y

Preparer Co. when other than Responsible Party Co.

Cage: E0526
Assigned Ind: Y
Name: TAYLOR TECHNOLOGIES INC
Address: 31 LOVETON CIRCLE
City: SPARKS MD 21152-9201

Contractor Summary

Cage: E0526
Name: TAYLOR TECHNOLOGIES INC
Address: 31 LOVETON CIRCLE
City: SPARKS MD 21152-9201
Phone: 410-472-4340
Cage: 89975
Name: TAYLOR TECHNOLOGIES, INC
Address: 31 LOVETON CIRCLE
City: SPARKS MD 21152
Phone: 401-472-4340

Ingredients

Cas: 1310-73-2
RTECS #: WB4900000
Name: SODIUM HYDROXIDE, CAUSTIC SODA, LYE
% Wt: ANDlt;5
Other REC Limits: 2MG/M3 CEILING NIOSH
OSHA PEL: 2 MG/CUM
ACGIH TLV: 2 MG/CUM CEILING
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 7732-18-5
RTECS #: ZC0110000
Name: WATER
% Wt: ANDlt;100

Health Hazards Data

LD50 LC50 Mixture: ORAL LD50 (RAT): 140-340 MG/KG (SEE SUP)
Route Of Entry Inds - Inhalation: NO
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO

OSHA: NO

Effects of Exposure: EYES/SKIN: IRRITATION, MAY CAUSE BURNS. INGESTION: IRRITATION, MAY CAUSE BURNS OF MOUTH, THROAT, ESOPHAGUS, STOMACH.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, BURNS.

Medical Cond Aggravated By Exposure: EYE ANDamp; SKIN CONDITIONS.

First Aid: EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. SKIN: WASH THOROUGHLY

W/SOAP ANDamp; WATER. INGESTION: GIVE LARGE AMOUNTS OF WATER. DON'T INDUCE

VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling and Disposal

Spill Release Procedures: NEUTRALIZE. ABSORB W/VERMICULITE/OTHER INERT MATERIAL. CONTAINERIZE FOR LATER DISPOSAL.

Neutralizing Agent: DILUTE ACID

Waste Disposal Methods: INCINERATION/OTHER METHOD IAW/FEDERAL, STATE ANDamp;

LOCAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY AREA. AVOID DIRECT

SUNLIGHT.

Other Precautions: AVOID CONTACT W/EYES, SKIN ANDamp; CLOTHING. AVOID BREATHING

CHEMICAL.

Fire and Explosion Hazard Information

Extinguishing Media: DRY CHEMICAL, CO₂, WATER SPRAY, FOAM.

Fire Fighting Procedures: WEAR SCBA (IN POSITIVE PRESSURE) ANDamp; FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: MAY REACT W/METALS TO PRODUCE HYDROGEN GAS.

Control Measures

Protective Gloves: GENERAL PURPOSE

Eye Protection: SAFETY GLASSES

Other Protective Equipment: LAB COAT

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: ORAL LD50 INFORMATION IS FOR SODIUM HYDROXIDE.

Physical/Chemical Properties

B.P. Text: 230F

Vapor Pres: 17

Vapor Density: 0.6

Spec Gravity: 1.2

PH: 13.1

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR COLORLESS LIQUID W/NO ODOR

Percent Volatiles by Volume: 98

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT, TEMPS, DIRECT SUNLIGHT.

Materials To Avoid: STRONG ACIDS, METALS, ALDEHYDES, ORGANIC HALOGENS.

Hazardous Decomposition Products: MAY EMIT TOXIC/IRRITATING FUMES.

REACTS

W/METALS TO PRODUCE HYDROGEN GAS.

Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

HAZCOM Label

Product ID: R-0010 CALCIUM BUFFER
Cage: E0526
Assigned IND: Y
Company Name: TAYLOR TECHNOLOGIES INC
Street: 31 LOVETON CIRCLE
City: SPARKS MD
Zipcode: 21152-9201
Health Emergency Phone: 410-472-4340
Label Required IND: Y
Date Of Label Review: 12/16/1998
Status Code: C
Label Date: 12/16/1998
Origination Code: G
Hazard And Precautions: EYES/SKIN: IRRITATION, MAY CAUSE BURNS.
INGESTION:
IRRITATION, MAY CAUSE BURNS OF MOUTH, THROAT, ESOPHAGUS, STOMACH.
IRRI
TATION, BURNS.

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