

## **R-0001 DPD REAGENT 1**

### **MSDS Number**

BWHHG

### **National Stock Number**

6810-00F004666

### **Product Name**

R-0001 DPD REAGENT 1

### **Manufacturer**

TAYLOR TECHNOLOGIES INC

### **Product Identification**

Product ID:R-0001 DPD REAGENT 1

MSDS Date:02/01/1992

FSC:6810

NIIN:00F004666

MSDS Number: BWHHG

### **Responsible Party**

TAYLOR TECHNOLOGIES INC

31 LOVETON CIRCLE

SPARKS , MD 21152-9201

US

Emergency Phone: 410-472-4340

Info Phone: 410-472-4340

Cage: EO526

### **Contractor**

TAYLOR TECHNOLOGIES, INC

SPARKS, MD 21152

US

401-472-4340

Cage: 89975

### **Ingredients**

POTASSIUM PHOSPHATE (MONOBASIC) \*94-4\*

CAS: 7778-77-0

Fraction By Weight:

SODIUM PHOSPHATE, DIBASIC, ANHYDROUS, DISODIUM PHOSPHATE

CAS: 7558-79-4

RTECS: WC4500000

Fraction By Weight:

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SODIUM HYDROXIDE, CAUSTIC SODA, LYE

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight:

OSHA PEL2 MG/CUM

ACGIH TLV: 2 MG/CUM CEILING

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight:

## Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): 140-340 MG/KG (SEE SUP)

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES/SKIN: IRRITANT. INGESTION MAY CAUSE GI IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, DIARRHEA.

Medical Cond Aggravated by Exposure:EYE & SKIN CONDITIONS.

## First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INGESTION: GIVE LARGE AMOUNTS OF WATER. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

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

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

## Accidental Release

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

## Handling

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

Other Precautions:AVOID CONTACT W/EYES, SKIN & CLOTHING. AVOID BREATHING CHEMICAL.

## Exposure Controls

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.

## Chemical Properties

Boiling Pt:B.P. Text:212F

Vapor Pres:17

Vapor Density:0.64

Spec Gravity:1.24

pH:10

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID W/NO ODOR

Percent Volatiles by Volume:68

## Stability

Stability Indicator/Materials to Avoid: YES  
Stability Condition to Avoid: EXTREME HEAT, TEMPS, DIRECT SUNLIGHT.  
Hazardous Decomposition Products: MAY EMIT TOXIC FUMES OF PHOSPHORUS OXIDES.

## Disposal

Waste Disposal Methods: INCINERATION/OTHER METHOD IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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