

## **ALKALINE-IODIDE REAGENT; CAT.NO.276**

### **MSDS Number**

BBFDV

### **National Stock Number**

6810-00D001387

### **Product Name**

ALKALINE-IODIDE REAGENT; CAT.NO.276

### **Manufacturer**

HACH CO

### **Product Identification**

Product ID:ALKALINE-IODIDE REAGENT; CAT.NO.276

MSDS Date:11/20/1985

FSC:6810

NIIN:00D001387

MSDS Number: BBFDV

### **Responsible Party**

HACH CO

100 DAYTON RD

AMES , IA 50010-6402

US

Emergency Phone: 515-232-2533

Info Phone: 303-669-3050

Cage: 4T252

### **Contractor**

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

### **Ingredients**

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight:

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

POTASSIUM IODIDE

CAS: 7681-11-0

RTECS: TT2975000

Fraction By Weight:

OSHA PELNONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

DEMINERALIZED WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: >20%

## Hazards

LD50 LC50 Mixture:N/K SEE SUPP. DATA

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

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

Health Hazards Acute and Chronic:PRODUCT CONTAINS SODIUM HYDROXIDE,AN ACUTE CORROSIVE.

Effects of Overexposure:CORROSIVE TO ALL BODY TISSUES. BURNS WITHULTIMATE SCARRING.

Medical Cond Aggravated by Exposure:NONE

## First Aid

First Aid:EYES,SKIN:IMMEDIATELY FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING. CALL A PHYSICIAN. INGESTION: GIVE LARGE AMOUNTS OF WTER, AND AT LEAST 1 OZ OF VINEGAR MIXED WITH WATER. GET MEDICAL ATTENTION. INH AL: CONTACT A PHYSICIAN

## Fire Fighting

Flash Point:NONFLAMMABLE

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:PLACE IN BEAKER, DILUTE WITH WATER, NEUTRALIZE WITH 6M HYDROCHLORIC ACID AND FLUSH DOWN DRAIN.

Neutralizing Agent:HYDROCHLORIC ACIT OR ACETIC ACID

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY AREA. KEEP TIGHTLY CLOSED.

## Exposure Controls

Respiratory Protection:MFR MAKES NO RECOMMENDATIONS. HMIS RECOMMENDS A NIOSH/DUST/MIST RESPIRATOR IF OVER TLV.

Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:RUBBER/PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:FACE WASH,SAFETY SHOWER

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH SIN,EYES, CLOTHING

Supplemental Safety and Health

LD50 FOR SODIUM HYDROXIDE IS 40MG/KG. THIS CALCULATES TO BE 67MG/KG FOR THE MIXTURE.

## Chemical Properties

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:≈140.C, 284.F

Spec Gravity:1.530

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR,COLORLESS LIQUID,PUNGENT ODOR

Corrosion Rate:N/K (AL)

## Stability

Stability Indicator/Materials to Avoid: YES  
ACIDS, OXIDIZERS  
Stability Condition to Avoid: HEAT  
Hazardous Decomposition Products: NONE

## **Disposal**

Waste Disposal Methods: BE SURE DISPOSAL IS IN ACCORDANCE WITH  
FEDERAL, STATE, LOCAL REGULATIONS.

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