



257 0R 23322 THYMOL BLUE INDICATOR SOLUTION

MSDS Number

BBDSL

National Stock Number

6810-00D001036

Product Name

257 0R 23322 THYMOL BLUE INDICATOR SOLUTION

Manufacturer

HACH CO

Product Identification

Product ID:257 0R 23322 THYMOL BLUE INDICATOR SOLUTION

MSDS Date:01/17/1992

FSC:6810

NIIN:00D001036

MSDS Number: BBDSL

Responsible Party

HACH CO.

100 DAYTON RD.

AMES , IA 50010-6402

US

Emergency Phone: 515-232-2533

Info Phone: 800-227-4224

Preparer: GIOVANNA OLSON

Cage: 4T252

Contractor

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

Ingredients

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight:

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

WATER (DEIONIZED OR DISTILLED)

CAS: 7732-18-5

RTECS: ZC0110001

Fraction By Weight:



INDICATOR DYE- THYMOL BLUE

CAS: 76-61-9

Fraction By Weight:

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION- CENTRAL NERVOUS SYSTEM DEPRESSION. EYES- HIGH CONCENTRATIONS CAUSE CORNEAL BURNS AND EYE DAMAGE. INGESTION: STOMACH DISTRESS. CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY ARREST, COMA, DEATH. CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:INHALATION/INGESTION: NAUSEA, DIZZINESS, GIDDINESS, NAUSEA, VOMITING, HEADACHE, DROWSINESS. EYES: REDNESS, TEARING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR; IF BREATHING DIFFICULTY GIVE OXYGEN. EYE:IMMEDIATE FLUSH WITH PLENTY OF WATER. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING & SHOES. INGESTION: DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:CC
Flash Point:53F/12C
Extinguishing Media:CARBON DIOXIDE, FOAM, & DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:MAY PRODUCE IRRITATING OR POISONOUS GAS ON COMBUSTION.

Accidental Release

Spill Release Procedures:ABSORB SPILL ON PAPER, CLOTH, VERMICULITE. STORE RESULTANT MATERIAL IN CLOSED CONTAINER.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN COOL, DRY AREA; TIGHTLY CLOSED; AWAY FROM OXIDIZERS
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. IF PEL/TLV EXCEEDED USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE.
Ventilation:USE ADEQUATE MECHANICAL VENTILATION.
Protective Gloves:PVC/RUBBER
Eye Protection:SAFETY GLASSES
Other Protective Equipment:FACE WASH, SAFETY SHOWER
Work Hygienic Practices:WASH THOROUGHLY AFTER USING. AVOID CONTACT WITH SKIN, EYES, CLOTHING. DO NOT BREATHE VAPOR
Supplemental Safety and Health

Chemical Properties

HCC:F3
Boiling Pt:B.P. Text:175F/79C
Spec Gravity:0.910
pH:10.1
Solubility in Water:SOLUBLE
Appearance and Odor:CLEAR, RED ORANGE LIQUID, ALCOHOL ODOR
Percent Volatiles by Volume:99

Stability

Stability Indicator/Materials to Avoid:YES



OXIDIZERS, OLEUM, NITROFORM, ALUMINUM, COBALT CHLORIDE, POTASSIUM
TERT-BUTOXIDE.

Stability Condition to Avoid:HEAT,FIRE,IGNITION SOURCES

Hazardous Decomposition Products:OXIDES OF CARBON

Disposal

Waste Disposal Methods:INCINERATE OR LANDFILL IN ACCORDANCE WITH
FEDERAL,STATE,LOCAL REGULATIONS.

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