

27-122-02 AQUATEST VESSEL SOLUTION PART A

MSDS Number

BBFKN

National Stock Number

6810-00D001726

Product Name

27-122-02 AQUATEST VESSEL SOLUTION PART A

Manufacturer

SERAGEN DIAGNOSTICS INC

Product Identification

Product ID:27-122-02 AQUATEST VESSEL SOLUTION PART A

MSDS Date:02/01/1988

FSC:6810

NIIN:00D001726

MSDS Number: BBFKN

Responsible Party

SERAGEN DIAGNOSTICS,INC.

1200 MADISON AVE.

INDIANAPOLIS , IN 46206

US

Emergency Phone: 317-266-2080

Info Phone: 1-800-222-5711

Preparer: HMIS-HRN

Cage: DO636

Contractor

SERAGEN DIAGNOSTICS

1210

INDIANAPOLIS, IN 46206

US

317-266-2080

Cage: DO636

Ingredients

PYRIDINE (SARA III)

CAS: 110-86-1

RTECS: UR8400000

Fraction By Weight: 88%

OSHA PEL5 PPM

ACGIH TLV: 5 PPM; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SULFUR DIOXIDE (SARA III)

CAS: 7446-09-5

RTECS: WS4550000

Fraction By Weight: 12%

OSHA PEL5 PPM/5 STEL

ACGIH TLV: 2 PPM/5 STEL; 9293

IODINE

CAS: 7553-56-2

RTECS: NN1575000

Fraction By Weight: 6%

OSHA PELC 0.1 PPM

ACGIH TLV: C 0.1 PPM; 9192

2-METHOXYETHANOL (EGME) (SARA III)

CAS: 109-86-4

RTECS: KL5775000

Fraction By Weight: 21%

OSHA PELS, 25 PPM

ACGIH TLV: S, 5 PPM; 9192

SULFUR DIOXIDE (SARA III)

CAS: 7446-09-5

RTECS: WS4550000

Fraction By Weight: 5%

OSHA PEL5 PPM/5 STEL

ACGIH TLV: 2 PPM/5 STEL; 9293

DIETHANOLAMINE (SARA III)

CAS: 111-42-2

RTECS: KL2975000

Fraction By Weight: 0.5%

OSHA PEL3 PPM

ACGIH TLV: 3 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:CHRONIC EXPOSURE TO HIGH PYRIDINE LEVELS MAY LEAD TO LIVER DAMAGE.

Effects of Overexposure:EYES: IRRITATION. SKIN: PYRIDINE MAY BE ABSORBED THROUGH SKIN,SULFUR DIOXIDE IS AN ACID IRRITANT.

INHALED,INGESTED: CENTRAL NERVOUS SYSTEM

DEPRESSION,ANOREXIA,NAUSEA.

Medical Cond Aggravated by Exposure:LIVER PROBLEMS

First Aid

First Aid:EYES: FLUSH WITH WATER. SKIN: WASH WITH SOAP & WATER,LAUNDER CLOTHING BEFORE REUSE. INHALED: REMOVE TO FRESH AIR, GIVE OXYGEN OR CPR IF NEEDED,CALL A PHYSICIAN. INGESTED: DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

Fire Fighting

Flash Point Method:CC
Flash Point:>68F/20C
Extinguishing Media:ALCOHOL FOAM,DRY CHEMICAL,CARBON DIOXIDE
Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS
Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND FIRE MAY FLASHBACK FROM AN IGNITION SOURCE.

Accidental Release

Spill Release Procedures:ABSORB OR WIPE UP WITH INERT MEDIA.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE AS A FLAMMABLE LIQUID. AVOID CONTACT.

Exposure Controls

Respiratory Protection:NONE NORMALLY NEEDED. IF OVER TLV USE NIOSH RESPIRATOR WITH ORGANIC VAPOR AND ACID VAPOR CARTRIDGE OR SUPPLIED AIR RESPIRATOR.
Ventilation:USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:RUBBER
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES
Work Hygienic Practices:USE STRICT CHEMICAL HYGIENE PRACTICES.
Supplemental Safety and Health
THIS IS A OF A TWO PART CHEMICAL. THIS IS THE PYRIDINE BASED KARL FISCHER REAGENT SYSTEM.KEY1:F3.

Chemical Properties

HCC:F6
Solubility in Water:SOLUBLE
Appearance and Odor:CLEAR,COLORLESS LIQUID,SHARP,PENETRATING,NAUSEUS ODOR

Stability

Stability Indicator/Materials to Avoid:YES
ACIDS,STRONG OXIDIZING AGENTS
Stability Condition to Avoid:ELEVATED TEMPERATURES,IGNITION SOURCES
Hazardous Decomposition Products:OXIDES OF SULFUR

Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS. INCINERATION IS SUGGESTED.

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