

27-128-01,AQUATEST 8 REAGENT,GENERATOR SOLU

MSDS Number

BGRKG

National Stock Number

6630-01-253-3825

Product Name

27-128-01,AQUATEST 8 REAGENT,GENERATOR SOLU

Manufacturer

SERAGEN DIAGNOSTICS INC

Product Identification

Product ID:27-128-01,AQUATEST 8 REAGENT,GENERATOR SOLU

MSDS Date:03/15/1991

FSC:6630

NIIN:01-253-3825

Kit Part:Y

MSDS Number: BGRKG

Responsible Party

SERAGEN DIAGNOSTICS INC.

1200 MADISON AVE

INDIANAPOLIS , IN 46206

US

Emergency Phone: 317-266-2080

Info Phone: 800-222-5711

Cage: DO636

Contractor

SERAGEN DIAGNOSTICS

1210

INDIANAPOLIS, IN 46206

US

317-266-2080

Cage: DO636

Ingredients

2-METHOXYETHANOL (EGME) (SARA III)

CAS: 109-86-4

RTECS: KL5775000

Fraction By Weight: 73%

OSHA PELS, 25 PPM

ACGIH TLV: S, 5 PPM; 9192

IODINE

CAS: 7553-56-2

RTECS: NN1575000

Fraction By Weight: 15%

OSHA PELC 0.1 PPM

ACGIH TLV: C 0.1 PPM; 9192

SULFUR DIOXIDE

CAS: 7446-09-5

Fraction By Weight: 12%

OSHA PEL5 PPM/5 STEL

ACGIH TLV: 2 PPM/5 STEL; 9293

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:COMPONENTS ARE IRRITATING TO EYES,SKIN,ETC. 2-METHOXYETHANOL PRODUCES CNS EFFECTS BY INHALATION OR SKIN ABSORPTION. CHRONIC OVEREXPOSURE: DRY CRACKED SKIN, CENTRAL NERVOUS SYSTEM EFFECTS, POSSIBLE STERILITY
Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYES:IRRITATION SKIN:IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS IF ABSORBED THROUGH SKIN. INHALED: DIZZINESS,NAUSEA,HEADACHE. INGESTED: G/I IRRITATION AND DISTRESS,NAUSEA VOMITING. LETHARGY, CONFUSION ,NARCOSIS. HIGH CHRONIC EXPOSURE MAY LEAD TO CNS DEPRESSION, POSSIBLE STERILITY.
Medical Cond Aggravated by Exposure:MANUFACTURER REPORTS, "NONE KNOWN".

First Aid

First Aid:EYES:FLUSH WITH WATER 15 MIN. SKIN: IMMEDIATELY WASH WITH SOAP/WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. INHALE: REMOVE TO FRESH AIR.GIVE OXYGEN OR CPR AS NEEDED. CALL A PHYSICIAN. INGESTED: MFR REPORTS "NO DATA AVAILABLE". HMIS:DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY. FOR ANY EXPOSURE INVOLVING A SIGNIFICANT AMOUNT OF MATERIAL, GET MEDICAL ASSISTANCE.

Fire Fighting

Flash Point Method:CC
Flash Point:102F,39C
Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE,DRY CHEMICAL,WATER
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES IN A FIRE.

Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. USE PROTECTIVE EQUIPMENT APPROPRIATE FOR TASK. ABSORB ON INERT MATERIAL. COLLECT IN CLOSED CONTAINER.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE STANDARD FLAMMABLE LIQUID STORAGE CABINET. KEEP TIGHTLY CLOSED.

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.
Ventilation:NOT NORMALLY REQUIRED. USE LAB HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW PEL/TLV.
Protective Gloves:RUBBER/PLASTIC
Eye Protection:SAFETY GLASSES/SPLASH GOGGLES
Other Protective Equipment:SAFETY SHOWER/EYE WASH, LAB COAT OR APRON. USE ADDITIONAL IMPERVIOUS CLOTHING AS NEEDED TO PREVENT SKIN

CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

THIS ENTRY DESCRIBES:27-128-01, GENERATOR SOLUTION WHICH IS A PART OF THE KIT; SEE ADDITIONAL DATA FOR MORE INFORMATION;KEY1:F4 MSDS RECEIVED FROM NAVY (FOCAL POINT N).

Chemical Properties

HCC:F2

Spec Gravity:>1.0

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:CLEAR DARK BROWN LIQUID, SULFUR DIOXIDE ODOR

Percent Volatiles by Volume:85

Stability

Stability Indicator/Materials to Avoid:YES

WATER, REACTIVE METALS, STRONG OXIDIZERS, CHLORATES, CARBIDES

Stability Condition to Avoid:HEAT, IGNITION SOURCES, MOISTURE

Hazardous Decomposition Products:IODINE FUMES, SULFUR OXIDES, CARBON OXIDES

Disposal

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER MAKES NO SUGGESTIONS AS TO METHOD OF DISPOSAL.

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