

BD BIOSCIENCES/FORMERLY BECTON DICKINSON DIAGNOSTIC -- 212539A, GRAM DECOLORIZER
(GRAM STAIN SET W/ STABILIZED IODI -- 6440-01-113-4658

===== Product Identification =====

Product ID:212539A, GRAM DECOLORIZER (GRAM STAIN SET W/ STABILIZED IODI

MSDS Date:03/17/2000

FSC:6440

NIIN:01-113-4658

Status Code:A

Kit Part:Y

MSDS Number: CKSTP

=== Responsible Party ===

Company Name:BD BIOSCIENCES/FORMERLY BEC
TON DICKINSON DIAGNOSTIC

Address:7 LOVETON CIR

Box:999

City:SPARKS

State:MD

ZIP:21152-0999

Country:US

Info Phone Num:410-316-4000

Emergency Phone Num:410-771-0101

Resp. Party Other MSDS Num.:ISO/DIS 11014

CAGE:22790

=== Contractor Identification ===

Company Name:BD BIOSCIENCES/FORMERLY BECTON DICKINSON DIAGNOSTIC
Address:7 LOVETON CIR

Box:999

City:SPARKS

State:MD

ZIP:21152-0999

Country:US

Phone:410-771-0100 / 800-638-8663

CAGE:22790

===== Composition/Information on Ingredients =====

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Ingred Name:ISOPROPANOL

CAS:67-63-0

RTECS #:NT8050000

= Wt:75.

OSHA PEL:980 MG/M3;400 PPM

ACGIH TLV:983 MG/M3;400 PPM

ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:ACETONE

CAS:67-64-1

RTECS #:AL3150000

= Wt:25.

OSHA PEL:2400 MG/M3;1000 PPM

ACGIH TLV:1780 MG/M3;750 PPM

ACGIH STEL:2380 MG/M3;1000 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

nic:TARGET ORGANS: KIDNEY, URETER,
BLADDER. IRRITANT TO SKIN AND MUCOUS MEMBRANES. IRRITATING EFFECT
ON THE EYES.

Effects of Overexposure:IRRITATING TO EYES, RESPIRATORY SYSTEM AND
SKIN.

===== First Aid Measures =====

First Aid:AFTER INHALATION: IN CASE OF UNCONSCIOUSNESS PLACE PATIENT ON
SIDE POSITION FOR TRANSPORTATION. AFTER SKIN CONTACT: IMMEDIATELY
WASH WITH WATER AND SOAP AND RINSE THOROUGHLY. AFTER EYE CONTACT:
RINSE OPENED
EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. THEN
CONSULT A DOCTOR. AFTER SWALLOWING: CALL A DOCTOR IMMEDIATELY AND
SHOW THIS LABEL.

===== Fire Fighting Measures =====

Flash Point:=-6.7C, 19.9F

NA

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:3.5

Upper Limits:18.0

Extinguishing Media:CO2, EXTINGUISHING POWDER OR WATER SPRAY. FIGHT
LARGER FIRES WITH WATER OR ALCOHOL RESISTANT FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED RESPIRATORY
PROTECTIVE
DEVICE. WEAR FULL PROTECTIVE SUIT.

===== Accidental Release Measures =====

Spill Release Procedures:PERSON-RELATED SAFETY PRECAUTIONS: WEAR
PROTECTIVE EQUIPMENT. KEEP UNPROTECTED PERSONS AWAY. MEASURES FOR
ENVIRONMENTAL PROTECTION: WIPE UP WITH DAMP SPONGE OR MOP. MEASURES
FOR CLEANING/COLLECTING: A BSORB WITH LIQUID-BINDING MATERIAL
(SAND, DIATOMITE, ACID BINDERS, UNIVERSAL BINDERS).

===== Handling and Storage =====

Handling and Storage Precautions:ENSURE GOOD VENTILATION/EXHAUSTION AT
THE WORKPLACE. KEEP IGNITION SOURCES AWAY - DO NOT SMOKE. PROTECT
AGAINST ELECTROSTATIC CHARGES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IN CASE OF BRIEF EXPOSURE, USE A CHEMICAL FUME
HOOD OR A NIOSH/MSHA-APPROVED RESPIRATOR. IN CASE OF INTENSIVE OR
LONGER EXPOSURE USE RESPIRTORY PROTECTIVE DEVICE THAT IS
INDEPENDENT OF CIRCULATING AI

R . USE SUITABLE RESPIRATORY

PROTECTIVE DEVICE IN CASE OF INSUFFICIENT VENTILATION.

Ventilation:ENSURE GOOD VENTILATION/EXHAUSTION AT THE WORKPLACE.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:PROTECTIVE WORK CLOTHING.

Work Hygienic Practices:KEEP AWAY FROM FOOD STUFFS, VEVERAGES AND FEED.

IMMEDIATELY REMOVE ALL SOILED AND CONTAMINATED CLOTHING. WASH HANDS BEFORE BREAKS AND AT THE END OF WORK. AVOID CONTACT WITH THE EYES AND SKIN.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:=56.1C, 133.F

B.P. Text:56.1-82C

Vapor Pres:@ 20C 186.0 HPA

Vapor Density:2.0-2.1

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS LIQUID, CHARCTERISTIC ODOR

===== Stability and Reactivity Data =====

NO DANGEROUS REACTIONS KNOWN.

Stability Condition to Avoid:THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED: NO DECOMPOSITION IF USED ACCORDING TO SPECIFICATIONS.

Hazardous Decomposition Products:CARBON MONOXIDE (CO) AND CARBON DIOXIDE (CO2)

===== Toxicological Information =====

Toxicological Information:67-63-0 ISOPROPANOL, ORAL LD50: 4570 MG/KG (RAT), DERMAL LD50: 13400 MG/KG (RABBIT), INHALATIVE LC50/4H: 30 MG/L (RAT); 67-64-1 ACETONE, ORAL LD50: 3800 MG/KG (RAT), DERMAL LD50: 20000 MG/KG (RAT).

===== Ecological Information =====

Ecological:WATER

HAZARD CLASS 1 (SELF-ASSESSMENT): SLIGHTLY HAZARDOUS
FOR WATER. DO NOT ALLOW UNDILUTED PRODUCT OR LARGE QUANTITIES OF IT
TO REACH GROUND WATER, WATER COURSE OR SEWAGE SYSTEM.

===== Disposal Considerations =====

Waste Disposal Methods:MUST NOT BE DISPOSED OF WITH SOLID WASTE. MUST
ADHERE TO STATE AND FEDERAL REGULATIONS. DISPOSAL MUST BE MADE
ACCORDING TO THE REGULATIONS FOUND IN 40 CFR 261. RCRA HAZARDOUS
WASTE - RCRA # D001, F00 3 (IGNITAB
LE, TOXIC)

===== MSDS Transport Information =====

Transport Information:FLAMMABLE LIQUID, NOS (ISOPROPANOL, ACETONE);
CLASS 3; UN1993; PF II. LIMITED QUANTITY.

===== Regulatory Information =====

SARA Title III Information:SARA 311/312: SUBJECT TO REPORTING. SARA
313: ACETON AND ISOPROPYL ALCOHOL ARE SUBJECT TO REPORTING.
Federal Regulatory Information:CERCLA: THIS PRODUCT CONTAINS ACETONE
WHICH HAS A REPORTING QUANT
ITY (RQ) OF 5000 LBS. TSCA: THIS
PRODUCT IS EXEMPT UNDER TSCA.

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