

BECTON DICKINSON MICROBIOLOGY SYSTEMS -- 4361185 DIAGNOSTIC REAGENT DROPPER  
INDOLE -- 6550-01-226-9892

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

Product ID:4361185 DIAGNOSTIC REAGENT DROPPER INDOLE

MSDS Date:07/20/1990

FSC:6550

NIIN:01-226-9892

MSDS Number: BSQDX

=== Responsible Party ===

Company Name:BECTON DICKINSON MICROBIOLOGY SYSTEMS

Address:250 SCHILLING CIRCLE

Box:243

City:COCKEYSVILLE

State:MD

Z

IP:21030

Country:US

Info Phone Num:301-771-0100

Emergency Phone Num:301-584-7169

Preparer's Name:DALE M OREN

CAGE:06531

=== Contractor Identification ===

Company Name:BECTON DICKINSON

Address:7 LOVETON CIRCLE

Box:City:SPARKS

State:MD

ZIP:21152

Country:US

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

CAGE:12717

Company Name:BECTON DICKINSON AND CO MICROBIOLOGY SYSTEMS DIV

Address:250 SCHILLING CIRCLE

Box:City:HUNT VALLEY

State:MD

ZIP:21030-1103

Country:US

Phone:410-771-0101

CAGE:05545

Company Name:BECTON DICK

INSON AND CO, BECTON DICKINSON DIV.

Address:1 BECTON DR

City:FRANKLIN LAKES

State:NJ

ZIP:07417-1884

Country:US

Phone:201-847-4000, 800-333-4831

CAGE:06531

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

Ingred Name:HYDROCHLORIC ACID, HYDROGEN CHLORIDE, MURIATIC ACID  
HYDROCHLORIDE

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 25%

Other REC Limits:7 PPM

OSHA PEL:5 PPM

ACGIH TLV:C 10 MG/CUM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOBUTANOL/2-METH

YL-1-PROPANOL/ISOBUTYL ALCOHOL

CAS:78-83-1

RTECS #:NP9625000

Fraction by Wt: 62.3%

Other REC Limits:50 PPM

OSHA PEL:300 MG/CUM

ACGIH TLV:150 MG/CUM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RABBIT): 900 MG/KG (SEE SUPP)

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

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

Health Hazards Acute and Chronic:EYES: IRRITATION, SEVERITY DEPENDS ON

CONCENTRATION; POSSIBLE DAMAGE. SKIN: IRRITATION. INGESTION: CNS  
DEPRESSION. INHALATION: GASTROINTESTINAL TRACT IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: BURNING OF THROAT.

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: FLUSH  
W/WATER. REMOVE CONTAMINATED CLOTHING. WASH W/SOAP & WATER.  
INHALATION: REMOVE TO FRESH AIR. RESTORE &/OR SUPPORT BREATHING IF  
RE

REQUIRED. INGESTION: GIVE MILK OR WATER AS QUICK AS POSSIBLE.  
DON'T INDUCE VOMITING UNLESS DIRECTED TO DO SO. NEVER GIVE ANYTHING  
BY MOUTH IF UNCONSCIOUS/CONVULSING. OBTAIN MEDICAL ATTENTION IN ALL  
CASES.

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

Flash Point:NON-FLAMMABLE  
Extinguishing Media:CO2, ALCOHOL FOAM  
Fire Fighting Procedures:LIQUID CONTAINED IN DROPPER WILL NOT BURN.  
Unusual Fire/Explosion Hazard:PLASTIC COMPONENTS OF PRODUCT WILL BURN.  
HOWEVER, EXTINGUISHING MEDIA FOR FIRE-FIGHTING WILL BE COMPATIBLE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ABSORB ANY LIQUID  
ONTO PAPER TOWELS. PICKUP ALL OTHER CONTAMINATED MATERIAL/PLACE IN  
BIOBAG. AUTOCLAVE ALL MATERIAL BEFORE DISCARDING. DISINFECT EXPOSED  
AREA ACCORDING TO PRECAUTIONS AGAINST MICROBIOLOGICAL HAZARDS.

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

Other Precautions  
:OBSERVE ESTABLISHED PRECAUTIONS AGAINST  
MICROBIOLOGICAL HAZARDS THROUGHOUT ALL PROCEDURES. PRIOR TO  
DISCARDING, STERILIZE SPECIMEN CONTAINERS & OTHER CONTAMINATED  
MATERIALS BY AUTOCLAVING.

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

Protective Gloves:LATEX  
Eye Protection:SAFETY GLASSES  
Supplemental Safety and Health

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

Vapor Density:>1  
Solubility in Water:COMPLETE  
Appearance and Odor:PLASTIC

IC DROPPER W/PALE YELLOW SOLUTION

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

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

Waste Disposal Methods:THIS PRODUCT CONTAINS HAZARDOUS MATERIAL & MUST BE DISPOSED OF ACCORDING TO CURRENT FEDERAL, STATE & LOCAL REGULATIONS.

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