

BECTON-DICKINSON MICROBIOLOGY SYSTEMS INC -- GRAM IODINE SOLUTION,12297,12299 --  
6550-01-332-4770

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

Product ID:GRAM IODINE SOLUTION,12297,12299  
MSDS Date:01/21/1991  
FSC:6550  
NIIN:01-332-4770  
Kit Part:Y  
MSDS Number: BQSYF  
=== Responsible Party ===  
Company Name:BECTON-DICKINSON MICROBIOLOGY SYSTEMS INC  
Address:250 SCHILLING CIR  
Box:243  
City:COCKEYSVILLE  
State:MD  
ZIP:  
21030  
Country:US  
Info Phone Num:301-771-0100/301-666-0100  
Emergency Phone Num:301-584-7169  
Preparer's Name:DALE M. OREM  
CAGE:05545

=== Contractor Identification ===

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

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

Ingred Name:IODINE/POVIDINE-IODINE (IODINE-2-POLYVINYL-PYRROLIDIONE  
COMPLEX)  
CAS:75

53-56-2  
RTECS #:NN1575000  
Fraction by Wt: 12.5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 0.1 PPM  
ACGIH TLV:C 0.1 PPM; 9293

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) NOT KNOWN  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- EYES: MAY CAUSE IRRITATION.  
SKIN: MAY CAUSE STAIN AND/OR IRRITATION. INHALATION:VAPORS MAY  
IRRITATE RE  
SPIRATORY TRACT. INGESTION:IODINE MAY CAUSE BURNING  
SENSATION OR ABDOMINAL PAIN. CHRONIC-NO T KNOWN  
Effects of Overexposure:EYE AND SKIN IRRITATION, ABDOMINAL PAIN  
Medical Cond Aggravated by Exposure:NOT KNOWN

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

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP &  
WATER. INHALED:REMOVE TO FRESH AIR. ORAL:IF CONSCIOUS DRINK 3  
GLA  
SSES OF WATER. CALL A PHYSICIAN.

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

Flash Point:NOT DETERMINED  
Extinguishing Media:PRODUCT IS NOT FLAMMABLE. USE MEDIA SUITABLE FOR  
SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS  
WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:NOT KNOWN

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

Spill

Release Procedures: ABSORB SPILLS WITH PAPER TOWELS. DISPOSE OF WITH NORMAL LAB TRASH. VENTILATE AREA.

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Handling and Storage  
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Handling and Storage Precautions: STORE IN A COOL PLACE AWAY FROM EXCESSIVE HEAT AND LIGHT. KEEP CONTAINERS CLOSED.  
Other Precautions: WASH AFTER HANDLING. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. KEEP OUT OF REACH OF CHILDREN.

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Exposure Controls/Personal Protection  
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Respiratory Protection: NONE REQUIRED IF USED AS INTENDED  
Ventilation: ROOM VENTILATION  
Protective Gloves: NONE REQUIRED IF USED AS INTENDED  
Eye Protection: SAFETY GOGGLES  
Other Protective Equipment: EYE WASH STATION  
Work Hygienic Practices: PRACTICE GOOD HYGIENIC PROCEDURE. WASH THOROUGHLY BEFORE EATING OR DRINKING.  
Supplemental Safety and Health  
KEY1: N1. THIS PRODUCT IS A KIT CONSISTING OF FOUR PARTS. PART ONE HAS PNI A. PART TWO HAS PNI B. PART THREE HAS PNI C. PART FOUR HAS PNI D.

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Physical/Chemical Properties  
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HCC: N1  
Boiling Pt: B.P. Text: 212F, 100C  
Melt/Freeze Pt: M.P/F.P Text: NOT KNOWN  
Spec Gravity: NOT KNOWN  
Solubility in Water: COMPLETE  
Appearance and Odor: DARK BROWN SOLUTION WITH CHARACTERISTIC ODOR OF IODINE

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid: YES  
NONE KNOWN.  
Stability Condition to Avoid: EXCESSIVE HEAT, LIGHT  
Hazardous Decomposition Products: MAY EMIT TOXIC IODINE FUMES.

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

Waste Disposal Methods:WASTE MATERIAL CAN BE DISPOSED OF WITH NORMAL LAB TRASH. FOLLOW ALL LOCAL, STATE AND FEDERAL GUIDELINES.

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