

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.

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

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.

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

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.

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

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

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

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

=====

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

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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.