

BECTON-DICKINSON MICROBIOLOGY SYSTEMS INC -- GRAM SAFRANIN  
SOLUTION,12297,12301,12405 -- 6550-01-332-4770

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

Product ID:GRAM SAFRANIN SOLUTION,12297,12301,12405

MSDS Date:01/21/1991

FSC:6550

NIIN:01-332-4770

Kit Part:Y

MSDS Number: BQSYN

=== Responsible Party ===

Company Name:BECTON-DICKINSON MICROBIOLOGY SYSTEMS INC

Address:250 SCHILLING CIR

Box:243

City:COCKEYSVIL

LE

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

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fracti

on by Wt: 2.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9293

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Hazards Identification  
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LD50 LC50 Mixture:TLV FOR ETHANOL IS 1000 PPM.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- EYES: MAY CAUSE IRRITATION.  
SKIN: PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION.  
INHALATION:VAPORS MAY IRRITATE RESPIRATORY TRACT.

INGESTION:CONTAINS 2% ETHANOL. EXCESSIVE DRINKING MAY INITIALLY  
STIMULATE AND CAUSE EXCITEMENT AND IMPAIRED VISION. CHRONIC-MAY  
CAUSE DEFATTING AND DERMATITIS.  
Effects of Overexposure:EYE IRRITATION. PROLONGED/REPEATED SKIN CONTACT  
MAY CAUSE IRRITATION. INHALATION OF VAPORS MAY CAUSE RESPIRATORY  
TRACT IRRITATION. IF INGESTED, MAY IRRITATE STOMACH.  
Medical Cond Aggravated by Exposure:NOT KNOWN

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First Aid Measures  
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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. PROVIDE CPR/OXYGEN IF NEEDED.  
ORAL:IF CONSCIOUS AND EXCESSIVE AMOUNTS HAVE BEEN TAKEN, INDUCE  
VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

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Fire Fighting Measures  
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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

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Accidental Release Measures  
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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 Prec

utions:STORE IN A COOL PLACE. KEEP CONTAINERS  
CLOSED.

Other Precautions:WASH AFTER HANDLING. AVOID CONTACT WITH EYES.

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

Respiratory Protection:NONE REQUIRED IF USED AS INTENDED

Ventilation:ADEQUATE

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

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Spec Gravity:NOT KNOWN

Solubility in Water:COMPLETE

Appearance and Odor:DEEP RED SOLUTION WITH ODOR OF ALCOHOL

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

Stability Indicator/Ma

terials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON  
DIOXIDE.

===== 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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