

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

===== 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

===== 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

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

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 INITIA LLY  
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

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

=====  
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 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.

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.