

DIFCO LABORATORIES -- GRAM CRYSTAL VIOLET 3329 - CRYSTAL VIOLET STAIN

MATERIAL SAFETY DATA SHEET

NSN: 6550011134359

Manufacturer's CAGE: 04487

Part No. Indicator: A

Part Number/Trade Name: GRAM CRYSTAL VIOLET 3329

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General Information

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Item Name: CRYSTAL VIOLET STAIN  
Company's Name: DIFCO LABORATORIES  
Company's Street: 920 HENRY ST  
Company's P. O. Box: 331058  
Company's City: DETROIT  
Company's State: MI  
Company's Country: US  
Company's Zip Code: 48232-7058  
Company's Emerg Ph #: 313-462-8500 800-521-0851  
Company's Info Ph #: 313-462-8500 / FAX 313-961-1501  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 002  
Status: SE  
Date MSDS Prepared: 01APR93  
Safety Data Review Date: 21AUG95  
Supply Item Manager: KX  
MSDS Preparer's Name: ELLEN M BERNARD  
MSDS Serial Number: BXVDR  
Hazard Characteristic Code: N1  
Unit Of Issue: PG  
Unit Of Issue Container Qty: 250 ML  
Type Of Container: PACKAGE  
Net Unit Weight: UNKNOWN

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: CRYSTAL VIOLET  
Ingredient Sequence Number: 01  
Percent: 0.38  
NIOSH (RTECS) Number: B09000000  
CAS Number: 548-62-9  
OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NOT ESTABLIS

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Physical/Chemical Characteristics  
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Appearance And Odor: PURPLE SOLUTION  
Solubility In Water: COMPLETE  
Corrosion Rate (IPY): UNKNOWN  
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Fire and Explosion Hazard Data  
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Flash Point: NOT APPLICABLE  
Lower Explosive Limit: N/A  
Upper Explosive Limit: N/A  
Extinguishing Media: SUITABLE FOR SURROUNDING FIRE.  
Special Fire Fighting Proc: NOT APPLICABLE  
Unusual Fire And Expl Hazrds: NOT APPLICABLE  
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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): NOT APPLICABLE  
Materials To Avoid: STRONG OXIDIZERS  
Hazardous Decomp Products: THERMAL DECOMPOSITION OR BURNING MAY PRODUCE  
HYDROGEN CHLORIDE, CARBON MONOXIDE AND/OR CARBON DIOXIDE.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): WILL NOT OCCUR  
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Health Hazard Data  
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LD50-LC50 Mixture: LD50 (ORAL RAT) IS 420 MG/KG (CONC.)  
Route Of Entry - Inhalation: NO  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: WARNING:POSSIBLE CANCER HAZARD. (CONTAINS  
MATERIAL WHICH MAY CAUSE CANCER BASED ON ANIMAL DATA.) AVOID CONTACT WITH  
EYES, SKIN AND CLOTHING. NOTE THAT THE LD50 IS FOR 100% WHILE THE SOLUTION  
IS 0.38%!  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: HMIS:RTECS STATES "CARCINOGENIC BY IARC

STANDARDS." NOT FOUND IN IARC LISTINGS.

Signs/Symptoms Of Overexp: NONE SPECIFIED BY MANUFACTURER.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: IN CASE OF CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. FLUSH SKIN WITH WATER. IN CASE OF EYE CONTACT OR IF SKIN IRRITATION PERSISTS, CALL A PHYSICIAN.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: WHILE WEARING PROTECTIVE EQUIPMENT, WIPE UP WITH A DAMP SPONGE OR MOP, FLUSH DOWN DRAIN WITH PLENTY OF WATER.

Waste Disposal Method: ACCORDING TO FEDERAL, STATE & LOCAL REGULATIONS.

Precautions-Handling/Storing: WASH THOROUGHLY AFTER HANDLING.

Other Precautions: "NOT APPLICABLE"

Control Measures

Respiratory Protection: NOT APPLICABLE

Ventilation: MECHANICAL (GENERAL) VENTILATION RECOMMENDED.

Protective Gloves: RUBBER GLOVES.

Eye Protection: SAFETY GOGGLES.

Other Protective Equipment: BODY COVERING TO PREVENT CONTACT.

Work Hygienic Practices: USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Suppl. Safety & Health Data: NONE

Transportation Data

Trans Data Review Date: 95233

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

MMAC Code: NR

Disposal Data

## Label Data

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Label Required: YES
Technical Review Date: 21AUG95
MFR Label Number: NONE
Label Status: F
Common Name: GRAM CRYSTAL VIOLET 3329
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: WARNING:POSSIBLE CANCER HAZARD. (CONTAINS
MATERIAL WHICH MAY CAUSE CANCER BASED ON ANIMAL DATA.) AVOID CONTACT WITH
EYES, SKIN AND CLOTHING. NOTE THAT THE LD50 IS FOR 100% WHILE THE SOLUTION
IS 0.38%! WASH THOROUGHLY AFTER HANDLING. IN CASE OF SPILL: WHILE WEARING
PROTECTIVE EQUIPMENT, WIPE UP WITH A DAMP SPONGE OR MOP, FLUSH DOWN DRAIN
WITH PLENTY OF WATER.
Protect Eye: Y
Protect Skin: Y
Label Name: DIFCO LABORATORIES
Label Street: 920 HENRY ST
Label P.O. Box: 331058
Label City: DETROIT
Label State: MI
Label Zip Code: 48232-7058
Label Country: US
Label Emergency Number: 313-462-8500 800-521-0851
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