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**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

**Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300**

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## **MATERIAL SAFETY DATA SHEETS**

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Manufacturer: PHARMCO-AAPER  
58 Vale Road  
Brookfield, CT 06804  
Phone (203) 740-3471  
Fax (203) 740-3481

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Shelbyville, KY 40065  
Phone (502) 633-0650  
Fax (502) 633-0685

Emergency Contact:

**CHEMTREC 1-800-424-9300**

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Diocetyl Maleate (DOM)

### **SECTION I PRODUCT IDENTIFICATION**

PRODUCT NAME: DIOCYTYL MALEATE DOM

MSDS #: P10312VS

Chemical Name: Diocetyl Maleate (DOM)

Chemical Family: Ester

HMIS RATINGS

Health: 1

Fire: 1

Reactivity:0

Gloves & Safety Glasses

### **SECTION II COMPONENTS**

Diocetyl Maleate CAS# 142-16-5

### **SECTION III PHYSICAL DATA**

Boiling Point (C) :1.64

Vapor Pressure @ 20 C:0.00015

Vapor Density (Air=1):N/A

Solubility in H2O (25 C) :0.02%

Specific Gravity: 0.941

(H2O=1 at 25/25 C)

Volatility (105 C/2hr) : N/A

Evaporation Rate: N/A

Appearance & Odor: Clear liquid, slight odor.

### **SECTION IV FIRE AND EXPLOSION HAZARD**

Flash Point (Method used) : >200 F (C.O.C.)

Extinguishing Media: CO2, Dry Chemical, Water Fog

Flammability Limits: Not available

Special Fire Fighting Procedures: Wear MSHA/NIOSH approved self-contained breathing apparatus (Sch. 13). Use water spray to cool fire-exposed containers.

Unusual Fire and Explosion Hazards: Solid streams of water directed at burning liquid may cause frothing.

#### **SECTION V HEALTH HAZARD DATA**

Threshold Limit Value: Not determined by the ACGIH.

Effects of Overexposure: Liquid may cause mild eye irritation.

Repeated or prolonged skin contact may cause irritation.

Emergency & First Aid Procedures and Routes of Entry: Inhalation: Move subject to fresh air. Eye and Skin Contact: Flush eyes with large amounts of water for at least 15 minutes; consult a physician if irritation persists. Wash affected skin areas with soap and water.

#### **SECTION VI REACTIVITY DATA**

Stability

Stable

Hazardous Polymerization: Will Not Occur

Materials to Avoid: Strong oxidizers conditions to Avoid: N/A

Hazardous Decomposition Products: None under normal use conditions, oxides of carbon when burned.

#### **SECTION VII SPILL OR LEAK PROCEDURES**

Steps To Be Taken In Case Material Is Released or Spilled: Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and contaminated drinking material to separate containers for recovery or disposal. Wash floor area with hot water soap solution o equivalent. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spill out of all sewer and open bodies of water.

Waste Disposal Method: Landfill or incinerate liquid and/or contaminated diking material according to current local, state and federal regulations.

#### **SECTION VIII SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Use a NIOSH approved respirator when exposure to mists or vapors is anticipated.

Ventilation: Local Exhaust recommended when handling generates mist or vapor.

Protective Gloves: Neoprene or Viton

Eye Protection: Splash goggles (ANSI Z87.1,1968)

Other Protective Equipment: Eyewash facility

#### **SECTION IX SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling And Storing: Normal precautions common to good manufacturing practice should be used in handling and storage.

Other Precautions: Any use of this product in elevated temperature processes should be evaluated to establish and maintain safe operating procedures.

#### **SECTION X REGULATORY INFORMATION**

SARA TITLE III INFORMATION

SECTION 313 – TOXIC CHEMICALS

This product does not contain a toxic chemical in excess of 1 percent of the mixture (0.1 percent, if the listed toxic chemical is a carcinogen).

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are: **NONE**

#### **SECTION 302 – EXTREMELY HAZARDOUS SUBSTANCES**

This product does not contain an extremely hazardous substance.

**SECTION 311/312 – HAZARD CATEGORIES**

The physical; and health hazard categories for this product are identified below:

FIRE HAZARD: NO

SUDDEN RELEASE OF PRESSURE HAZARD: NO

REACTIVITY HAZARD: NO

IMMEDIATE (ACUTE) HEALTH HAZARD: NO

DELAYED (CHRONIC) HEALTH HAZARD: NO

TRANSPORTATION INFORMATION

DOT SHIPPING NAME: NOT REGULATED

DOT LABEL: NOT APPLICABLE

DOT IDENTIFICATION NO.: NOT APPLICABLE

CALIFORNIA PROPOSITION 65

This product contains the following substances known to the state of California to cause cancer, birth defects, or other reproductive harm.

INGREDIENTS NONE

**SECTION XI Disclaimer**

The information contained herein is based on data considered to be accurate based on the material as packaged. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It is the user's obligation to determine the conditions of safe use of the product. While this MSDS is based on technical data judged to be reliable, PHARMCO-AAPER assumes not responsibility for the completeness or accuracy of the information contained herein.