



Esterifications Pvt. Ltd

Plot#27, Allama Iqbal Industrial Estate, Prioritized
Special Economic Zone under CPEC,
Sahianwala, Faisalabad, Punjab, Pakistan

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Description: Plastitol® (Dicotyl Terephthalate -DOTP-M) Medical Grade is a non-phthalate plasticizer which is used in polymer industry. It improves the low temperature flexibility and low volatility

Company Name: Esterifications Pvt. Ltd

Company Address: Plot#27, Allama Iqbal Industrial Estate, Prioritized, Special Economic Zone under CPEC,
Sahianwala, Faisalabad, Punjab, Pakistan.

Telephone Number: +92 322 6814036

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

HMIS: Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: C

Plastitol® DOTP-M (Cas No. 6422-86-2) is a non-phthalate pure plasticizer based upon Terephthalic acid and 2-Ethylhexanol.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Routes of Entry:

- Eyes
- Skin
- Ingestion
- Inhalation

Eye Contact: Direct contact may cause irritation

Skin Contact: Direct contact may cause irritation

Ingestion: May be harmful if swallowed

Inhalation: Breathing concentrated vapors may cause respiratory irritation.

SECTION 4: FIRST AID MEASURES

Eyes:

Remove lenses if applicable.

Flush with plenty of water or eye wash solution for 15 minutes.

Get medical attention if irritation persists.

Skin:

- Wash with soap and water
- Get medical attention if irritation occurs.

Ingestion:

- If swallowed, immediately take 2-8 ounces of water or milk.
- Seek medical attention immediately.

Inhalation:

- move to fresh air.
- ☐ If breathing is stopped or irregular, administer artificial respiration and oxygen and seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: > 225 °C

Flammable: Flammable

Auto Ignition Temperature: Not Flammable

Hazardous Combustion Products: Not Flammable

Conditions under Which Flammability Could Occur: Open Flame

Unusual Fire & Explosion Hazards: None found

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: N/A

Environmental Protection: Not Hazardous for environment.

Methods for Cleaning Up: Absorb onto an inert absorbent substrate and sweep up.
Wash area with soap and water. Area may be slippery; take precautions.

SECTION 7: HANDLING AND STORAGE

Handling Safe Handling:

- Wear safety glasses.
- Keep away from oxidizing agents, excessive heat and sources of ignition.

Storage Requirements for Storage Areas and Containers:

- Store in a cool, dry location, in a sealed container in a well-ventilated area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Eye wash stations and safety showers should be easily accessible.

Personal Protection

Eye: Safety glasses, splash goggles or face shield should be worn.

Skin/Body: Lab coats and chemical resistant gloves should be worn.

Respiratory: Not needed under normal conditions of use in well ventilated areas. Use NIOSH-approved respiratory devices if ventilation is not adequate.

Ventilation: Handle in well ventilated areas.

Other: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

Work/Hygiene Practice: Normal work and hygiene practices for handling chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specifications are respectively mentioned on Certificate of Analysis

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Conditions to Avoid: Sources of ignition, open flames.

Incompatibility (Materials to Avoid): No information

Hazardous Decomposition or Byproducts: No information

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure: May be irritating to eyes, skin, mucous membranes and respiratory system.

Effects of Overexposure: None currently known

Threshold Limit Value: Not established

Medical Conditions Generally Aggravated by Exposure: None Known

Irritancy: Skin: Potential Irritant Eyes: Potential Irritant

Carcinogenicity: None

Reproductive Toxicity: N/A

Teratogenicity: N/A

Mutagenicity: N/A

SECTION 12: ECOLOGICAL INFORMATION

Ecological Information: No information

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Dispose of according to local, state and federal regulations. Do not put into sewer lines. Incinerate waste

These are the following steps which we take to discard expired material

1. First of we check the physical condition of material
2. Testing of material in quality control lab
3. When material is declared as expire, we made the Dilute which maintain 1;10 ratio with organic solvent.
4. Check the temperature of our material should not be more than 3 degree Celsius of sewerage temperature as per NEQS Standard
5. After clear all aspect we drain the expired material in running sewerage.

SECTION 14: TRANSPORT INFORMATION

IATA: It's not harmful.

It's not eruptive.

It's not toxic.

Class/Division: Not restricted

Label: None

ID Number: NA

DOT Classification: Not regulated

Proper Shipping Name: NA

Packing Group: NA

Hazard: NA

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): The components of this product are found in the TSCA inventory.

CA PROP 65: NONE

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NONE

SECTION 16: OTHER INFORMATION

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however; all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or were, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.