



SAFETY DATA SHEET

Date Issued : 07/30/2018

SDS No : 0961

Dimethyl Phthalate

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Dimethyl Phthalate

PRODUCT DESCRIPTION: Plasticizer

SUPPLIER

Lab Alley LLC
 22111 Highway 71 West, Suite 601
 Spicewood, Texas 78669
 Tel.: 512-668-9918

24 HR. EMERGENCY TELEPHONE NUMBERS

Infotrac: 800-535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2B

Environmental:

Acute Hazards to the Aquatic Environment, Category 3

GHS LABEL

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.

H402: Harmful to aquatic life.

PRECAUTIONARY STATEMENTS

Prevention:

P264: Wash skin thoroughly after handling.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Dimethylphthalate	100	131-11-3

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses if present and continue flushing for at least 15 minutes. Get immediate medical attention if irritation persists.

SKIN: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

INGESTION: Rinse mouth with water. Do NOT induce vomiting. Call a physician or poison control center immediately.

INHALATION: Remove person to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Use water to cool containers exposed to fire.

EXTINGUISHING MEDIA: Dry Chemical, CO₂, Foam. Water Spray.

FIRE FIGHTING PROCEDURES: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

FIRE FIGHTING EQUIPMENT: In case of fire, wear a full-face positive pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain and soak up spill with absorbent material. Place residues in a suitable, sealed and labeled container.

LARGE SPILL: SHUT OFF LEAK IF SAFE TO DO SO. Shut off leak if safe to do so. Contain spill with inert, absorbent material. Reclaim into recovery or salvage drums or vacuum truck for proper disposal. Treat residues as small spills.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent contamination of water. Prevent material from entering drains or watercourses using sand, earth or other appropriate barriers. Do not flush into surface water or sanitary sewer system.

LAND SPILL: Prevent contamination of the soil.

GENERAL PROCEDURES: Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.

SPECIAL PROTECTIVE EQUIPMENT: Use protective equipment recommended in Section 8.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Handle in accordance with good industrial hygiene and safety practices.

HANDLING: Do not use in a confined area with minimal air exchange. Keep away from heat/sparks/open flames/ hot surfaces. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray.

STORAGE: Keep container tightly closed in a cool, dry, stored upright and well-ventilated place. Protect from sunlight. Store away from heat. Store away from acids. Store away from oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control low airborne levels of the product. If the product is present above low levels, local exhaust or other measures may be necessary to control worker exposure. Engineering controls should be used during indoor operations where vapors will evolve or be released.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical splash goggles. Wear a full face shield where splashing is likely.

SKIN: Wear chemically resistant gloves.

RESPIRATORY: Use NIOSH/MSHA approved air-purifying or air-fed respirator if recommended exposure limit exceeded.

PROTECTIVE CLOTHING: Use protective clothing, which is chemical resistant to this material.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face before eating, drinking, smoking and using the restroom. Launder contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: No data available.

COLOR: Colorless

pH: No data available.

FLASH POINT AND METHOD: 146°C (294.8°F) Closed Cup

FLAMMABLE LIMITS: 0.94% (V) to 8.03% (V)

AUTOIGNITION TEMPERATURE: 490°C (914°F)

VAPOR PRESSURE: 0.002 hPa at 20°C

VAPOR DENSITY: 6.69 Air = 1.0

BOILING POINT: 282°C

FREEZING POINT: 2°C

SOLUBILITY IN WATER: Slightly soluble

DENSITY: 1.19 g/cm³ at 25°C

10. STABILITY AND REACTIVITY

REACTIVITY: None Expected.

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat, sparks or open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

INCOMPATIBLE MATERIALS: Strong oxidizers, strong acids.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: > 11940 ml/kg - rabbit

ORAL LD₅₀: 9239 mg/kg - rat

INHALATION LC₅₀: No data available.

SKIN CORROSION/IRRITATION: None Expected.

SERIOUS EYE DAMAGE/IRRITATION: May cause eye irritation.

RESPIRATORY OR SKIN SENSITISATION: Not Available

GERM CELL MUTAGENICITY: None Expected.

CARCINOGENICITY

NOTES: None known.

REPRODUCTIVE TOXICITY: None Expected.

STOT-SINGLE EXPOSURE: No data available.

STOT-REPEATED EXPOSURE: No data available.

ASPIRATION HAZARD: Not classified as an aspiration hazard.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.

BIOACCUMULATION/ACCUMULATION: No data available.

DISTRIBUTION: No data available.

AQUATIC TOXICITY (ACUTE):

Acute Fish Toxicity

LC50/96 hours fathead minnow – 121 mg/L

LC50/96 hours bluegill -50 mg/L

EC50/48 hours water flea – 46 mg/L

CHEMICAL FATE INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of contents/container to a licensed contractor or facility in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Environmentally hazardous substances, liquid, n.o.s. (Dimethyl Phthalate)

PRIMARY HAZARD CLASS/DIVISION: 9

UN/NA NUMBER: UN 3082

PACKING GROUP: III

AIR (ICAO/IATA)

SHIPPING NAME: Environmentally hazardous substances, liquid, n.o.s. (Dimethyl Phthalate)

UN/NA NUMBER: UN 3082

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Environmentally hazardous substances, liquid, n.o.s. (Dimethyl Phthalate)

UN/NA NUMBER: UN3082

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Environmentally hazardous substances, liquid, n.o.s. (Dimethyl Phthalate)

UN/NA NUMBER: UN 3082

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute Health

313 REPORTABLE INGREDIENTS: All components listed or exempt.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Dimethylphthalate	100	131-11-3

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: NA = Not Applicable

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: All components listed or exempt.

Chemical Name	Wt.%	CERCLA RQ
Dimethylphthalate	100	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Dimethylphthalate	131-11-3

TSCA STATUS: All components listed or exempt.

CLEAN AIR ACT

40 CFR PART 68--RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: NA = Not Applicable

CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS): NA = Not Applicable

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals at detectable levels known to the State of California to cause cancer, birth defects, or any other reproductive harm.

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): All components are listed.

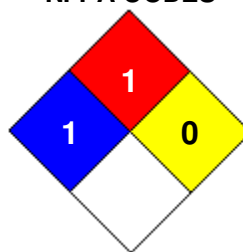
16. OTHER INFORMATION

REASON FOR ISSUE: Original Version

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



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