

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Eastman(TM) DOP Plasticizer

Chemical Name bis(2-ethylhexyl)1,2-benzenedicarboxylic acid

Synonym(s) 00401-00 904099

Molecular Formula C₂₄H₃₈O₄

Molecular Weight 390.57

Product Use plasticizer

2. COMPOSITION INFORMATION ON INGREDIENTS

(Typical composition is given, and it may vary. A certificate of analysis can be provided, if available.)

Weight % Component CAS Registry No.

100% di(2-ethylhexyl) phthalate 117-81-7

3. HAZARDS IDENTIFICATION

WARNING!

POSSIBLE CANCER HAZARD - MAY CAUSE CANCER BASED ON ANIMAL DATA

Hazard Ratings: Health - 2*, Flammability -1, Chemical Reactivity - 0

rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

4. FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Eyes: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

Skin: Wash with soap and water. Get medical attention if symptoms occur

Ingestion: Seek medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Media: water spray, dry chemical, carbon dioxide, foam Special Fire-Fighting

Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: carbon dioxide, carbon monoxide Unusual Fire and Explosion

Hazards: none

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

For Large Spills: Flush spill area with water spray. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

7. HANDLING AND STORAGE

Personal Precautionary Measures: Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling. Prevention of Fire and Explosion: Keep from contact with oxidizing materials.

Storage: Keep away from food, drink and animal foodstuff. Keep container closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Country specific exposure limits have not been established or are not applicable unless listed below.

DI(2-ETHYLHEXYL)PHTHALATE (DEHP)

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 5 mg/m³

DI-SEC OCTYL PHTHALATE

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 5 mg/m³

US. NIOSH: Pocket Guide to Chemical Hazards

Short Term Exposure Limit (STEL): 10 mg/m³

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 5 mg/m³

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance.

