Meltem Kimya Ve Tekstil San.İth.İhr.Ve Tic.A.Ş
PET Resin,Plasticers, PVC Floor Covers

Material Safety Data Sheet According to 1907/2006/EC
In compiance with article31 of REACH
Revision: 11.01.2017

Section 1 - Identification of Substance and Producer Company

Product Name: MELTEM
DOA Chemical Name: Dioctyl Adipate **Synomyms:** DOA

Manufacturer: Meltem Kimya
Batı Otoban Bağlantı Yolu
Üzeri Büyük Dikili Mah.93099 Sok.
No: 4/A Seyhan/ADANA/TURKEY
+90 322 485 62 67

HMIS
Health: 2
Flammability: 1
Reactivity: 0
Gloves & Safety Glasses

Emergency Phone Numbers: Meltem Kimya (24 hr.) (322)4856267-68

Section 2 – Composition / Information on Ingredients

Chemical Name	CAS #
Bis(2 Ethylhexyl) Adipate	103-23-1

EINECS Number: 203-90-1

Section 3 - Hazards Identification

Appearance/Odor: Clear liquid; specific odor

Potential Acute Health Effects: Hazardous in case of eye contact (irritant), of inhalation (lung irritant).
Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Classified Development toxin [POSSIBLE]. The substance is toxic to blood, the reproductive system, liver, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4 – First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.
Skin Contact: No known effect on skin contact, rinse with water for a few minutes.
Serious Skin Contact: Not available.
Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Serious Inhalation: Not available.
Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Serious Ingestion: Not available.

Section 5 – Explosion and Fire-Fighting Measures

Flammability of the Product: May be combustible at high temperature.
Auto-Ignition Temperature: Not available.
Flash Points (COC): 190°C.
Flammable Limits: Not available.
Products of Combustion: These products are carbon oxides (CO, CO2).
Fire Hazards in Presence of Various Substances: Not available.
Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. **Fire Fighting Media and Instructions:** SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards: Not available. Special Remarks on Explosion Hazards: Not available

Section 6 – Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7– Handling and Storage

Precautions: Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Avoid contact with eyes Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Carcinogenic, teratogenic or mutagenic materials should be stored in a separate locked safety storage cabinet or room.

Section 8– Exposure controls and Personal Protection

OSHA Permissible Exposure Limit (PEL): None established

Personal protective equipment
General protective and hygienic measures:
The usual precautionary measures should be adhered to when handling chemicals. Immediately remove all soiled and contaminated clothing
Do not inhale gases / fumes / aerosols.
Avoid close or long term contact with the skin. Avoid contact with the eyes.
Do not eat or drink while working.
The usual protective measures based on the application have to be followed. Breath equipment is not necessary if the room is well-ventilated.

Hand Protection: Neoprene or Viton Gloves. The glove material has to be impermeable and resistant to the product/ the substance / the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
After use of gloves apply skin-cleaning agents and skin cosmetics.

Respiratory Protection: Use a NIOSH approved respirator when exposure to mists or vapors is anticipated.
Eye Protection: Safety glasses. Goggles recommended during refilling.
Engineering Measures: For normal operation, local exhaust ventilation should suffice. Direct exhaust may be necessary when material becomes heated and vapors are given off.
Other: Eyewash facility in vicinity.

Section 9– Physical and Chemical Properties

Physical state and appearance: Liquid.
Odor: Aromatic. (Slight.)
Taste: Not available.
Molecular Weight: 370.58 g/mole
Color: Amber. (Light.)
pH (1% soln/water): Not available.
Boiling Point: 214°C
Melting Point: -67°C (-88.6°F)
Critical Temperature: Not available.
Specific Gravity: Not available.
Vapor Pressure: Not available.
Vapor Density: 12.8 (Air = 1)
Volatility: Not available.
Odor Threshold: Not available.
Water/Oil Dist. Coeff.: Not available.
Ionicity (in Water): Not available.
Dispersion Properties: See solubility in water, methanol, diethyl ether, n-octanol, acetone.
Solubility: Soluble in methanol, diethyl ether, n-octanol, acetone.

Section 10 – Stability and Reactivity

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with various substances: Highly reactive with oxidizing agents, acids.
Corrosivity: Not available.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: No.

Section 11 – Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.
Toxicity to Animals: Acute oral toxicity (LD50): 9100 mg/kg [Rat].
Chronic Effects on Humans:
CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. DEVELOPMENTAL TOXICITY: Classified Development toxin [POSSIBLE]. The substance is toxic to blood, the reproductive system, liver, upper respiratory tract.
Other Toxic Effects on Humans: Hazardous in case of inhalation (lung irritant).
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

Section 12 – Ecological Information

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic. **Special Remarks on the Products of Biodegradation:** Not available.

Section 13 – Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local, state, and federal regulations. Contacting to a waste disposal service is recommended.

Section 14 – Transport Information

DOT Classification: Not a DOT controlled material (United States).
Identification: Not applicable.
Special Provisions for Transport: Not applicable.

Section 15 – Regulatory Information

Federal and State Regulations: Pennsylvania RTK: Dioctyl Adipate Massachusetts RTK: Dioctyl Adipate New Jersey: Dioctyl Adipate TSCA 8(b) inventory: Dioctyl Adipate TSCA 8(d) H and S data reporting: Dioctyl Adipate
Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.
Other Classifications:
WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).
DSCL (EEC):
R36/37- Irritating to eyes and respiratory system. R40- Possible risks of irreversible effects. R63- Possible risk of harm to the unborn child.
HMIS (U.S.A.):
Health Hazard: 2
Fire Hazard: 1
Reactivity: 0
Personal Protection: h
National Fire Protection Association (U.S.A.):
Health: 0
Flammability: 1
Reactivity: 0
Specific hazard:
Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16 – Other Information

All information is presented in good faith using available information. Meltem Kimya makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of people and the environment.