

SAFETY DATA SHEET

SDS-EUEN-2018

Date Updated : 18th. April. 2017

Version : 2.0/EN.

Regulation : In accordance with Regulation (EC) 1907/2006 (REACH)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY /UNDERTAKING

1.1. Product identifier

Product form	: Substance
Substance name	: DI 2-ETHYLHEXYL TEREPHTHALATE
EC no	: 229176-9
CAS No	: 6422-86-2
REACH Registration No	: 01-2119446265-39-0007
Brand	: MELFLEX® D.O.T.P-H
Synonyms	: Bis(2-ethylhexyl)-1,4-benzenedicarboxylate

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Plasticizer for surface coatings, rubber and PVC

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Name : Meltem Kimya Tekstil San. İth. İhr. ve Tic. A.Ş.
Address : Batı Otoban Bağlantı Yolu Üzeri Büyük Dikili Mah.
93099 Sok. No:4/A Seyhan/ADANA/TURKEY
Phone N°: +90 322 485 62 67
FAX N° : +90 322 485 62 03
E-mail of competent person responsible for SDS : goknur.gokce@meltemkimya.com.tr

1.4. Emergency telephone number

European Emergency N°: 112
Emergency telephone at the company: +90/322/4856267-68
Available outside office hours: 24h/day/365days

SECTION 2 : HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP]**
Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

- 2.2. Label elements**
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
No labelling applicable

- 2.3. Other hazards**
No additional information available

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. Substance**

Name	Product identifier	%
DI-ETHYLHEXYL TEREFTALATE	(CAS No) 6422-86-2 (EC no) 229-176-9 (REACH-no) 17-2120038575-53	100

Full text of H-statements: see section 16

- 3.2. Mixture**
Not applicable

SECTION 4 : FIRST-AID MEASURES

- 4.1. Description of first aid measures**

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

- 4.2. Most important symptoms and effects, both acute and delayed**
No additional information available

- 4.3. Indication of any immediate medical attention and special treatment needed**
Treat symptomatically.

SECTION 5 : FIRE-FIGHTING MEASURES

- 5.1. Extinguishing media**
Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
- 5.2. Special hazards arising from the substance or mixture**
Hazardous decomposition products in case of : Toxic fumes may be released. fire;
- 5.3. Advice for firefighters**
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**
- 6.1.1. For non-emergency personnel**
Emergency procedures : Ventilate spillage area.
- 6.1.2. For emergency responders**
Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- 6.2. Environmental precautions**
Avoid release to the environment.
- 6.3. Methods and material for containment and cleaning up**
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.
- 6.4. Reference to other sections**
For further information refer to section 13.

SECTION 7 : HANDLING AND STORAGE

- 7.1. Precautions for safe handling**
Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product
- 7.2. Conditions for safe storage, including any incompatibilities**
Storage conditions : Store in a well-ventilated place. Keep cool.
- 7.3. Specific end use(s)**
No additional information available

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No additional information available.

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Safety glasses. Gloves. Protective clothing.
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls : Avoid release to the environment.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Amber/ yellowish.
Odour	: Characteristics.
Odour threshold	: No data available
pH	: Immeasurable
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 387 °C
Flash point	: 212 °C
Auto-ignition temperature	: 387 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: 1 mmHg / 0.19 kPa (215 °C)
Relative vapour density at 20 °C	: No data available
Relative density	: 0.980-1,015
Density	: 0.980-1,015 g/cm ³ (20 °C)
Solubility	: Negligible
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 85-145 mPa.s (25 °C)
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong oxidizing agent.

10.6. Hazardous decomposition products

Development of hazardous / toxic combustion gases or vapors possible in the event of fire and excess heat; carbon monoxide, carbon dioxide.

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity : Not classified

DI-ETHYLHEXYL TEREFALATE (6422-86-2)	
LD50 oral rat	> 5000 mg/kg (male/female)
LD50 dermal	19.680 mg/kg

Skin corrosion/irritation	: Not classified pH: Immeasurable
Serious eye damage/irritation	: Not classified pH: Immeasurable
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology – general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

DI-ETHYLHEXYL TEREFALATE (6422-86-2)	
LC50 Fish	> 984 mg/l
EC50 Daphnia	> 624 µg/l
EC50 72h Algae	> 0.86 mg/l

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

- No additional information available
- 12.5. Results of PBT and vPvB assessment**
No additional information available
- 12.6. Other adverse effects**
No additional information available

SECTION 13 : DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14 : TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN Number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

- **Overland transport**
Not applicable
- **Transport by sea**
Not applicable
- **Air transport**
Not applicable
- **Inland waterway transport**
Not applicable
- **Rail transport**
Not applicable

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15 : REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
no data available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16 : OTHER INFORMATION

Product safety data sheet for prepared in accordance with Regulation (EC) 1907/2006 and Regulation (EU) 453/2010 (REACH), Annex II

16.1 Abbreviations and acronyms

ACGIH = American Conference of Government Industrial Hygienists.

CLP = Classification Labelling Packaging Regulation ; Regulation (EC) No 1272/2008.

CAS No. = Chemical Abstracts Service number.

DMEL = Derived Minimal Effect Levels.

DNEL = Derived No Effect Level.

EC Number = EINECS and ELINCS Number (see also EINECS and ELINCS).

EU = European Union.

IARC = International Agency for Research on Cancer.

ISHL = Industrial Safety & Health Law.

NIOSH = National Institute for Occupational Safety & Health.

NTP = National Toxicology Program.

OSHA = European Agency for Safety and Health at work.

PBT = Persistent, Bioaccumulative and Toxic substance.

PNEC(s) = Predicted No Effect Concentration(s).

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 453/2010.

STP = Sewage Treatment Plant.

SVHC = Substances of Very High Concern.

vPvB = very Persistent and very Bioaccumulative.

UN = United Nations.

MARPOL = International Convention for the Prevention of Pollution from Ships (IMO).

IBC = Intermediate Bulk Container.

CERCLA = Comprehensive Environmental Response, Compensation & Liability Act (US).

EPCRA = Emergency Planning and Community Right-to-Know Act (US).

EINECS = European Inventory of Existing Commercial Chemical Substances.

ELINCS = European List of Notified Chemical Substances.

16.2 Key literature reference and sources for data :

16.3 Classification and procedure used to derive the classification for mixtures according to Regulation(EC) 1272/2008(CLP):

Classification according to Regulation (EC) 1272/2008 Classification procedure

16.4 Relevant R-phrases and/or H-statements (number and full text) :

Not available.

16.5 Training advice :

- Do not handle until all safety precautions have been read and understood.

16.6 Further information :

This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation, as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship. This version of the SDS supersedes all previous versions.