

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY

1.1 Product name: Dioctyl terephthalate (DOTP)

1.2 Product Number: PLASTSOFT 390

1.3 Brand : Turkey

A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline uses : Laboratory chemicals, Manufacture of substances .

1.4 Details of the supplier of the safety data sheet Company: PlastSoft Chemicals Company - Turkey- Kocaeli - Dilovasi - www.PlastSoft.com

1.5 Contact Details: Tel: +902627281461 **Email:**

info@PlastSoft.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements: This substance is not classified as dangerous according to Directive 67/548/EEC. 2.3 Other hazards - none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Synonyms: Bis(2-ethylhexyl) terephthalate 168-CA Plasticizer

3.2 Formula: C₂₄H₃₈O₄

3.3 Molecular Weight : 390,56 g/mol

3.4 CAS-No: 6422-86-2

3.5 EC-No: 229-176-9

No components need to be disclosed according to the applicable regulations.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures: If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water.

In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects: both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate: medical attention and special treatment needed no data available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards: arising from the substance or mixture Carbon oxides

5.3 Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information: no data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Avoid breathing vapors, mist or gas. For personal protection see section 8.

6.2 Environmental precautions: No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal.

6.4 Reference to other sections: For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: For precautions see section 2.2.

7.2 Conditions for safe storage: including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s): Apart from the uses mentioned in section 1.2 no other specific uses are stipulated .

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters: Components with workplace control parameters

8.2 Exposure controls Appropriate engineering controls General industrial hygiene practice:

Personal protective equipment Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Body Protection impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure No special environmental precautions required. ,

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

- a) **Appearance Form:** liquid Colour: colourless.
- b) **Odour** slight
- c) **Odour Threshold** no data available.
- d) **pH** no data available.
- e) **Melting point/freezing point** Melting point/freezing point:-67,2 °C at 1.013,250 hPa
- f) **Initial boiling point and boiling range** 400 °C - lit.
- g) **Flash point** 212 °C - closed cup.
- h) **Evaporation rate** no data available.
- i) **Flammability (solid, gas)** no data available.
- j) **Upper/lower flammability or explosive limits** no data available.
- k) **Vapor pressure** no data available.
- l) **Vapor density** no data available
- m) **Relative density** 0,986 g/cm³ at 25 °C
- n) **Water solubility** 0,0004 g/l at 22,5 °C - insoluble
- o) **Partition coefficient:** n-octanol/water no data available
- p) **Auto-ignition temperature** 387 °C at 980 HPa
- q) **Decomposition temperature** no data available
- r) **Viscosity** no data available
- s) **Explosive properties** no data available
- t) **Oxidizing properties** no data available

9.2 Other safety information: Surface tension 32,7 MN/m at 22 °C .

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: no data available

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: no data available

10.4 Conditions to avoid: no data available

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous decomposition products: Other decomposition products - no data available In the event of fire: see section 5.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on toxicological effects: Acute toxicity LD50 Oral - rat - male and female -
> 5.000 mg/kg LD50 Dermal - guinea pig - > 19.680 mg/kg LD50 Intraperitoneal - rat - male -
> 3.200 mg/kg Skin corrosion/irritation Skin - rabbit Result

No skin irritation - 4 h (OECD Test Guideline 404) Serious eye damage/eye irritation Eyes -rabbit Result

Mild eye irritation (OECD Test Guideline 405) Respiratory or skin sensitization no data available.

Germ cell mutagenicity *S. typhimurium* Result: negative Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity no data available Specific target organ toxicity - single exposure no data available
Specific target organ toxicity - repeated exposure no data available

Aspiration hazard no data available.

Additional Information the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: Toxicity to fish static test LC50 - *Pimephales promelas* (fathead minnow) - > 984 mg/l - 96 h (OECD Test Guideline 203) Toxicity to daphnia and other aquatic invertebrates Immobilization EC50 - *Daphnia magna* (Water flea) - 0,0014 mg/l - 48 h (OECD Test Guideline 202) Toxicity to algae Growth inhibition EC50 - *Selenastrum capricornutum* (green algae) - > 0,86 mg/l - 72 h (OECD Test Guideline 201) Toxicity to bacteria Respiration inhibition EC50 - Sludge Treatment - > 10 mg/l - 3 h (OECD Test Guideline 209)

12.2 Persistence and degradability: Biodegradability aerobic - Exposure time 28 d Result: 73,05 % - Readily biodegradable. (OECD Test Guideline 301B)

12.3 Bioaccumulative potential: no data available

12.4 Mobility in soil : no data available

12.5 Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Product Offer surplus and non-recyclable solutions to a licensed disposal company.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number ADR/RID: - IMDG: - IATA:

14.2 UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA:
Not dangerous good

14.3 Transport hazard class(es) ADR/RID: - IMDG: - IATA:

14.4 Packaging group ADR/RID: - IMDG: - IATA:

14.5 Environmental hazards ADR/RID: no IMDG Marine pollutant: no IATA: no 14.6 Special precautions for user no data available

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

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions.

It does not represent any guarantee of the properties of the product. PlastSoft company shall not be held liable for any damage resulting from handling or from contact with the above product.

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