

**LINPLAST 810 P**

Version: 1.01

Revision Date 2018/01/24

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Trade name	LINPLAST 810 P
REACH No.	01-2119866432-36-0000
Substance name (REACH / CLP)	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters

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

Use	Industrial use
Uses advised against	

**1.3 Details of the supplier of the safety data sheet**

Company	SASOL Germany GmbH Anckelmannsplatz 1 20537 Hamburg
Information (Product safety):	Telephone: + 49 (0) 23 65 - 49 47 05 Telefax: + 49 (0) 23 65 - 49 92 40
E-mail address	msds-info.germany@de.sasol.com

**1.4 Emergency telephone number**

Emergency telephone number	+ 49 (0) 28 41- 49 24 08
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**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**2.2 Label elements**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**2.3 Other hazards**

No hazards to be specially mentioned.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

This product is a substance in the meaning of regulation (EC) 1907/2006.

**CHEMICAL CHARACTERIZATION**

**LINPLAST 810 P**

Version: 1.01

Revision Date 2018/01/24

**1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters****component type:** Active ingredient**EC-No.:** 275-809-7**Index-No.:****CAS-No.:** 71662-46-9**REACH No.:** 01-2119866432-36-0000**Substance name (REACH / CLP):** 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters**COMPONENTS TO BE NAMED IN ACCORDANCE WITH REGULATION (EC) 1907/2006 AS WELL AS OTHER HAZARDOUS INGREDIENTS AND CONTAINED SUBSTANCES WITH WORK PLACE LIMIT VALUES**

No dangerous ingredients according to Regulation (EC) No. 1907/2006

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

<b>General advice</b>	Take off all contaminated clothing immediately.
<b>If inhaled</b>	Remove from exposure, lie down. If breathing is irregular or stopped, administer artificial respiration. Monitor breathing, give oxygen if necessary. Consult a physician.
<b>In case of skin contact</b>	Wash off immediately with plenty of water.
<b>In case of eye contact</b>	Immediately flush eye(s) with plenty of water.
<b>If swallowed</b>	Obtain medical attention.

**4.2 Most important symptoms and effects, both acute and delayed**

<b>Most important symptoms and effects, both acute and delayed</b>	Symptoms: No information available. Risks: No information available.
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**4.3 Indication of any immediate medical attention and special treatment needed**

<b>Indication of any immediate medical attention and special treatment needed</b>	Treatment: No information available.
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**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

<b>Suitable extinguishing media</b>	Water spray, Alcohol-resistant foam, Carbon dioxide (CO <sub>2</sub> )
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**5.2 Special hazards arising from the substance or mixture**

<b>Specific hazards during firefighting</b>	Dangerous gases or fumes may occur in case of fire.
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**5.3 Advice for firefighters**

<b>Special protective equipment for firefighters</b>	In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.
<b>Further information</b>	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**LINPLAST 810 P**

Version: 1.01

Revision Date 2018/01/24

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**6.1 Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation. Danger of slipping after spill or leakage.

**6.2 Environmental precautions**

**Environmental precautions** Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

**6.3 Methods and materials for containment and cleaning up**

**Methods for cleaning up** The material taken up must be disposed of in accordance with regulations. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**6.4 Reference to other sections**

For personal protection see section 8.

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**SECTION 7: HANDLING AND STORAGE**

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**7.1 Precautions for safe handling**

**Advice on safe handling** No special precautions required.

**Advice on protection against fire and explosion** Normal measures for preventive fire protection.

**Fire-fighting class** B: Fires involving liquids or liquid containing substances. Also includes substances which become liquid at elevated temperatures.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements for storage areas and containers** Keep container tightly closed in a dry and well-ventilated place. Protect from frost.

**Storage class (TRGS 510)** 10: Combustible liquids not in Storage Class 3

**7.3 Specific end use(s)**

**Specific use(s)** This information is not available.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**8.1 Control parameters****COMPONENTS WITH WORKPLACE CONTROL PARAMETERS****National occupational exposure limits**

No data available

**EUROPEAN OCCUPATIONAL EXPOSURE LIMITS**

No data available

## LINPLAST 810 P

Version: 1.01

Revision Date 2018/01/24

### DERIVED NO EFFECT LEVEL (DNEL)

Substance name: 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters			
End Use	Exposure routes	Value	Note
Workers	dermal, Acute/short-term exposure - systemic effects		Not relevant / not applicable
	Inhalation, Acute/short-term exposure - systemic effects		Not relevant / not applicable
	dermal, Acute/short-term exposure - local effects		Not relevant / not applicable
	Inhalation, Acute/short-term exposure - local effects		Not relevant / not applicable
	dermal, long-term exposure - systemic effects	0.8 mg/kg	based on body weight and day
	Inhalation, long-term exposure - systemic effects	5.61 mg/m3	
	dermal, long-term exposure - local effects		Not relevant / not applicable
	Inhalation, long-term exposure - local effects		Not relevant / not applicable
Consumers	dermal, Acute/short-term exposure - systemic effects		Not relevant / not applicable
	Inhalation, Acute/short-term exposure - systemic effects		Not relevant / not applicable
	Oral, Acute/short-term exposure - systemic effects		Not relevant / not applicable
	dermal, Acute/short-term exposure - local effects		Not relevant / not applicable
	Inhalation, Acute/short-term exposure - local effects		Not relevant / not applicable
	dermal, long-term exposure - systemic effects	0.4 mg/kg	based on body weight and day
	Inhalation, long-term exposure - systemic effects	1.386 mg/m3	
	Oral, long-term exposure - systemic effects	0.4 mg/kg	based on body weight and day
dermal, long-term exposure - local effects		Not relevant / not applicable	
Inhalation, long-term exposure - local effects		Not relevant / not applicable	

# LINPLAST 810 P

Version: 1.01

Revision Date 2018/01/24

## PREDICTED NO EFFECT CONCENTRATION (PNEC)

Substance name: 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters		
Environmental Compartment	Value	Note
Fresh water		Not relevant / not applicable
Marine water		Not relevant / not applicable
intermittent release		Not relevant / not applicable
treatment plant	990 mg/l	
Fresh water sediment		Not relevant / not applicable
Marine sediment		Not relevant / not applicable
Soil		Not relevant / not applicable
food	0.884 mg/kg	

## 8.2 Exposure controls

### PERSONAL PROTECTIVE EQUIPMENT

#### Respiratory protection

No personal respiratory protective equipment normally required. In inadequately ventilated areas, where workplace limits are exceeded, where unpleasant odours exist or where aerosols are in use, or smoke and mist occur, use self-contained breathing apparatus or breathing apparatus with a type A filter or appropriate combined filter (e.g. where aerosols are in use, or smoke and mist occur, A-P2 or ABEK-P2), in compliance with EN 141.

#### Hand protection

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other., Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time., Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).

#### gloves suitable for permanent contact:

Material: Nitrile rubber/nitrile latex  
Break through time: >= 480 min  
Layer thickness: 0.35 mm

Material: butyl-rubber  
Break through time: >= 480 min  
Layer thickness: 0.5 mm

#### Eye protection

Tightly fitting safety goggles

#### Hygiene measures

Avoid contact with the skin and the eyes.

### ENVIRONMENTAL EXPOSURE CONTROLS

#### General advice

Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.

**LINPLAST 810 P**

Version: 1.01

Revision Date 2018/01/24

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	liquid; 20 °C; 1,013 hPa
<b>Form</b>	liquid
<b>Colour</b>	colourless
<b>Odour</b>	very faint
<b>Odour Threshold</b>	No data available
<b>pH</b>	No data available
<b>pour point</b>	ca. -29 °C; ISO 3016
<b>Boiling point/boiling range</b>	> 250 °C; 1,013 hPa; DIN 51751
<b>Flash point</b>	ca. 220 °C; DIN ISO 2592
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	not applicable (liquid)
<b>Lower explosion limit</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Vapour pressure</b>	< 0.01 hPa; 20 °C
<b>Relative vapour density</b>	No data available
<b>Density</b>	ca.0.968 g/cm <sup>3</sup> ; 20 °C; DIN 51757 ca.0.973 g/cm <sup>3</sup> ; 15 °C; DIN 51757 ca.0.947 g/cm <sup>3</sup> ; 50 °C; DIN 51757
<b>Water solubility</b>	20 °C; insoluble
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Ignition temperature</b>	ca. 390 °C; DIN 51794
<b>Auto-ignition temperature</b>	Not applicable liquid with a flash point of > 200 °C
<b>Viscosity, dynamic</b>	44 - 50 mPas; 20 °C; DIN 53015
<b>Explosive properties</b>	not expected based on structure and functional groups
<b>Oxidizing properties</b>	not expected based on structure and functional groups

**9.2 Other data**

None known.

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity****Note** Stable at normal ambient temperature and pressure.**10.2 Chemical stability**

## LINPLAST 810 P

Version: 1.01

Revision Date 2018/01/24

<b>Note</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	
<b>Hazardous reactions</b>	Hazardous decomposition products formed under fire conditions.
<b>10.4 Conditions to avoid</b>	
<b>Conditions to avoid</b>	Direct heating, dirt, chemical contamination, sunlight, UV or ionising radiation.
<b>10.5 Incompatible materials to avoid</b>	
<b>Materials to avoid</b>	None known.;
<b>10.6 Hazardous decomposition products</b>	
<b>Thermal decomposition</b>	Stable under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

<b>Acute oral toxicity</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: LD50 Rat: > 2,000 mg/kg; OECD Test Guideline 401 Based on available data, the classification criteria are not met.
<b>Acute inhalation toxicity</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: LC50 Rat: > 1.8 mg/l; 6 h Test atmosphere: vapour maximal attainable concentration (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Diundecyl phthalate Based on available data, the classification criteria are not met.
<b>Acute dermal toxicity</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: LD50 Rat: > 2,000 mg/kg; OECD Test Guideline 402 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Diundecyl phthalate Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

<b>Skin irritation</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Rabbit: slightly irritating; OECD Test Guideline 404 Based on available data, the classification criteria are not met.
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#### Serious eye damage/eye irritation

<b>Eye irritation</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Rabbit: not irritating; OECD Test Guideline 405 Based on available data, the classification criteria are not met.
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#### Respiratory or skin sensitisation

<b>Sensitisation</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Maximisation Test Guinea pig: not sensitizing; OECD Test Guideline 406
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# LINPLAST 810 P

Version: 1.01

Revision Date 2018/01/24

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 Patch-Test human: not sensitizing  
 (literature value)  
 The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).  
 Test substance: Diundecyl phthalate  
 Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

**Genotoxicity in vitro**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 In vitro tests did not show mutagenic effects  
 Category approach  
 (literature value)

**Genotoxicity in vivo**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 study scientifically unjustified  
 Justification:  
 In vitro tests did not show mutagenic effects

**Remarks**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 Based on available data, the classification criteria are not met.

**Carcinogenicity**

**Carcinogenicity**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 The substance has been shown to be not genotoxic, therefore it is not expected to have a carcinogenic potential.  
 Animal testing did not show any carcinogenic effects.  
 Category approach

**Remarks**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 Based on available data, the classification criteria are not met.

**Reproductive toxicity**

**Reproductive toxicity**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 Two-generation reproductive toxicity: Rat; Oral  
 NOAEL ((parents)): 235 mg/kg (based on body weight and day)  
 NOAEL (F1): 235 mg/kg (based on body weight and day)  
 NOAEL (F2): 235 mg/kg (based on body weight and day); OECD Test Guideline 416  
 The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).  
 Test substance: 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters

**RemarksReproductive toxicity**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 Based on available data, the classification criteria are not met.

**Teratogenicity**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 Rat; Oral  
 NOAEL: 1,000 mg/kg (based on body weight and day)  
 NOAEL (pregnant female): 500 mg/kg (based on body weight and day); OECD Test Guideline 414  
 The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).  
 Test substance: 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters

**Remarks-Teratogenicity**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 Based on available data, the classification criteria are not met.

**STOT - single exposure**

**Remarks**

1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:  
 The substance or mixture is not classified as specific target organ toxicant, single exposure.

**STOT - repeated exposure**



## LINPLAST 810 P

Version: 1.01

Revision Date 2018/01/24

<b>Remarks</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
<b>Repeated dose toxicity</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Rat; Oral; Subchronic toxicity NOAEL: 79.6 mg/kg (based on body weight and day); OECD Test Guideline 408
<b>Aspiration hazard</b>	
<b>Aspiration toxicity</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Not applicable
<b>Toxicological information</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Toxicokinetics The substance is metabolised and excreted.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

<b>Toxicity to fish</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: LC50 (96 h) Danio rerio (zebra fish) ; semi-static test In the range of water solubility not toxic under test conditions.
<b>Toxicity to fish - Chronic toxicity</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: NOEC (155 d) Salmo gairdneri; reproduction rate; flow-through test In the range of water solubility not toxic under test conditions. The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Diundecyl phthalate
<b>Toxicity to daphnia and other aquatic invertebrates</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: EC50 (48 h) Daphnia magna (Water flea) In the range of water solubility not toxic under test conditions.
<b>Toxicity to daphnia and other aquatic invertebrates - Chronic toxicity</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: NOEC (21 d) Daphnia magna (Water flea); reproduction rate; flow-through test; In the range of water solubility not toxic under test conditions. (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Diundecyl phthalate
<b>Toxicity to aquatic plants</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: ErC50 (72 h) Desmodesmus subspicatus (green algae) ; In the range of water solubility not toxic under test conditions.
<b>Toxicity to bacteria</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: EC10 (4.92 h) Pseudomonas putida: > 990 mg/l; Respiration rate; oxygen consumption test  1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: EC50 (28 d) nitrifying bacteria: 500mg/kg; Soil; OECD 216
<b>Toxicity to soil dwelling organisms</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: LC10 (14 d) Eisenia foetida: > 1,000 mg/kg; mortality; artificial soil  1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: NOEC (56 d) Eisenia fetida (earthworms): 500 mg/kg; reproduction rate; artificial soil; OECD Test Guideline 222
<b>Toxicity to terrestrial flora</b>	1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: emergence, growth; EC50 (18 d): > 100 mg/l; Triticum aestivum (wheat), Lepidium

**LINPLAST 810 P**

Version: 1.01

Revision Date 2018/01/24

	<p>sativum (cress), Brassica alba (mustard); OECD Test Guideline 208</p> <p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: growth; NOEC (28 d): &gt; 1,000 mg/l; Allium cepa; OECD Test Guideline 208</p> <p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: growth; NOEC (21 d): &gt; 1,000 mg/l; Beta vulgaris; OECD Test Guideline 208</p> <p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: growth; NOEC (21 d): &gt; 1,000 mg/l; Glycine max (G. soja); OECD Test Guideline 208</p>
<b>Toxicity for other terrestrial non-mammalian fauna</b>	<p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: study scientifically unjustified Justification: Unlikely to pose a hazard to birds. Readily biodegradable.</p>
<b>12.2 Persistence and degradability</b>	
<b>Biodegradability</b>	<p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: &gt; 60 %; 28 d; aerobic; OECD Test Guideline 301B</p>
<b>12.3 Bioaccumulative potential</b>	
<b>Bioaccumulation</b>	<p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Bioconcentration factor (BCF): 341; calculated not bioaccumulative according PBT criteria</p>
<b>12.4 Mobility in soil</b>	
<b>Mobility</b>	<p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Koc: &gt; 5000; calculated immobile strong adsorption to soil</p>
<b>12.5 Results of PBT and vPvB assessment</b>	
<b>Results of PBT assessment</b>	<p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: Based on available data, the classification criteria are not met.</p>
<b>12.6 Other adverse effects</b>	
<b>General advice</b>	<p>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters: None known.</p>

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

<b>Product</b>	Following pre-treatment and observing the regulations for hazardous wastes, it must be taken to a permitted hazardous wastes landfill or hazardous wastes incinerator.
<b>Contaminated packaging</b>	Packaging that cannot be cleaned must be disposed of in the same way as the material itself.
<b>waste code of the European Union: EWC</b>	A waste code in accordance with the European Waste Catalogue (EWC) may not be assigned to this product since it admits of a classification only when the consumer uses it for some purpose.

## LINPLAST 810 P

Version: 1.01

Revision Date 2018/01/24

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
ICAO/IATA	Not dangerous goods

#### 14.2 Proper shipping name

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
ICAO/IATA	Not dangerous goods

#### 14.3 Transport hazard class

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
ICAO/IATA	Not dangerous goods

#### 14.4 Packing group

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
ICAO/IATA	Not dangerous goods

#### 14.5 Environmental hazards

ADR	Environmentally hazardous	no
RID	Environmentally hazardous	no
ADN	Environmentally hazardous	no
IMDG	Marine pollutant	no
ICAO/IATA	Environmentally hazardous	no

#### 14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks No information available.

### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

## LINPLAST 810 P

Version: 1.01

Revision Date 2018/01/24

### NATIONAL/OTHER REGULATIONS

**Legislation on the control of major-accident hazards involving dangerous substances**

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

list entry in the directive:: Not applicable

### NOTIFICATION STATUS

Switzerland. Consolidated Inventory	CH INV	listed (product or constituents are listed)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL)	DSL	listed (product or constituents are listed)
US. Toxic Substances Control Act	TSCA	listed (product or constituents are listed)
Australia. Industrial Chemical (Notification and Assessment) Act	AICS	not listed (product or constituents are not listed)
Japan. Kashin-Hou Law List	ENCS (JP)	listed (product or constituents are listed)
Japan. Industrial Safety & Health Law (ISHL) List	ISHL (JP)	listed (product or constituents are listed)
Korea. Existing Chemicals Inventory (KECI)	KECI (KR)	not listed (product or constituents are not listed)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	PICCS (PH)	not listed (product or constituents are not listed)
China. Inventory of Existing Chemical Substances	INV (CN)	listed (product or constituents are listed)

Please note: the names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in chapter 3.

### 15.2 Chemical safety assessment

**1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters**

A Chemical Safety Assessment has been carried out for this substance.

## SECTION 16: OTHER INFORMATION

**Safety datasheet sections which have been updated:**

- 12. Ecological information
- 15. Regulatory information

**Further information:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or

## LINPLAST 810 P

Version: 1.01

Revision Date 2018/01/24

quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.  
This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

### Key or legend to abbreviations and acronyms used in the safety data sheet

ADN	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
AICS	Australian Inventory of Chemical Substances
ANSI	American National Standards Institute
ASTM	American Society of Testing and Materials (US)
BCF	Bioconcentration factor
CLP	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
DIN	Deutsches Institut für Normung
DNEL	Derived No-Effect Level
DSL	Domestic Substances List
EC...	Effect concentration ... %
ENCs	Existing Notified Chemical Substances (Japan)
EWC	European Waste Catalogue
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISHL	Industrial Safety and Health Law (Japan)
ISO	International Organization for Standardization
IUAPC	International Union of Pure and Applied Chemistry
KECI	Korea Existing Chemicals Inventory
LC...	Lethal Concentration, ...%
LD...	Lethal Dose, ...%
MARPOL	International Convention for the Prevention of Pollution From Ships
NDSL	Non-Domestic Substances List
NOAEL	no observable adverse effect level
NOEL/NOEC	No Observed-effect level/concentration
NZIoC	New Zealand Inventory of Chemicals
OECD	Organisation for Economic Co-operation and Development
PBT	persistent, bioaccumulative, toxic
PICCS	Philippine Inventory of Chemicals and Chemical Substances
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport international ferroviaire de marchandises dangereuses
TG	Test Guideline
TRGS	Technische Regeln für Gefahrstoffe
TSCA	Toxic Substances Control Act
vPvB	very persistent, very bioaccumulative
WGK	Wassergefährdungsklasse

### Annex

Attachments to the safety data sheet and/or lists of the identified uses for the listed substances can be downloaded using the internet links below.

#### 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters

[http://www.sasolgermany.de/fileadmin/doc/productsafety/Annex/000000008438\\_EN\\_01.pdf](http://www.sasolgermany.de/fileadmin/doc/productsafety/Annex/000000008438_EN_01.pdf)