# LINPLAST 810 P

**Version: *2*.04** **Revision Date 24.01.2018**

## 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<br>Anckelmannsplatz 1<br>20537 Hamburg |
| **Information (Product safety):** | Telephone: + 49 (0) 23 65 - 49 47 05<br>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 |

## 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**

**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

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

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

| | |
|---|---|
| **Most important symptoms and effects, both acute and delayed** | Symptoms: No information available.<br>Risks: No information available. |

### 4.3 Indication of any immediate medical attention and special treatment needed

| | |
|---|---|
| **Indication of any immediate medical attention and special treatment needed** | Treatment: No information available. |

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

| | |
|---|---|
| **Suitable extinguishing media** | Water spray, Alcohol-resistant foam, Carbon dioxide (CO2) |

### 5.2 Special hazards arising from the substance or mixture

| | |
|---|---|
| **Specific hazards during firefighting** | Dangerous gases or fumes may occur in case of fire. |

### 5.3 Advice for firefighters

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**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.<br>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.

## SECTION 7: HANDLING AND STORAGE

**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. |

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters**

**COMPONENTS WITH WORKPLACE CONTROL PARAMETERS**

**National occupational exposure limits**

No data available

**EUROPEAN OCCUPATIONAL EXPOSURE LIMITS**

No data available

**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 |

**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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties**

| | |
|---|---|
| **Physical state** | liquid; 20 °C; 1.013 hPa |
| **Form** | liquid |
| **Colour** | colourless |
| **Odour** | very faint |
| **Odour Threshold** | No data available |
| | |
| **pH** | No data available |
| **pour point** | ca. -29 °C; ISO 3016 |
| **Boiling point/boiling range** | > 250 °C; 1.013 hPa; DIN 51751 |
| **Flash point** | ca. 220 °C; DIN ISO 2592 |
| **Evaporation rate** | No data available |
| **Flammability (solid, gas)** | not applicable (liquid) |
| | |
| **Lower explosion limit** | No data available |
| **Upper explosion limit** | No data available |
| **Vapour pressure** | < 0,01 hPa; 20 °C |
| **Relative vapour density** | No data available |
| **Density** | ca.0,968 g/cm3; 20 °C; DIN 51757 |
| | ca.0,973 g/cm3; 15 °C; DIN 51757 |
| | ca.0,947 g/cm3; 50 °C; DIN 51757 |
| **Water solubility** | 20 °C; insoluble |
| **Partition coefficient: n-octanol/water** | No data available |
| **Ignition temperature** | ca. 390 °C; DIN 51794 |
| **Auto-ignition temperature** | Not applicable<br>liquid with a flash point of > 200 °C |
| **Viscosity, dynamic** | 44 - 50 mPas; 20 °C; DIN 53015 |
| **Explosive properties** | not expected based on structure and functional groups |
| **Oxidizing properties** | 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**

**Note** Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

**Hazardous reactions** Hazardous decomposition products formed under fire conditions.

**10.4 Conditions to avoid**

**Conditions to avoid** Direct heating, dirt, chemical contamination, sunlight, UV or ionising radiation.

**10.5 Incompatible materials to avoid**

**Materials to avoid** None known.;

**10.6 Hazardous decomposition products**

**Thermal decomposition** Stable under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects**

**Acute toxicity**

**Acute oral toxicity**
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.

**Acute inhalation toxicity**
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.

**Acute dermal toxicity**
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**

**Skin irritation**
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.

**Serious eye damage/eye irritation**

**Eye irritation**
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.

**Respiratory or skin sensitisation**

**Sensitisation**
1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:
Maximisation Test Guinea pig: not sensitizing; OECD Test Guideline 406

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**

| | |
|---|---|
| **Remarks** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>The substance or mixture is not classified as specific target organ toxicant, repeated exposure. |
| **Repeated dose toxicity** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>Rat; Oral; Subchronic toxicity<br>NOAEL: 79,6 mg/kg (based on body weight and day); OECD Test Guideline 408 |

**Aspiration hazard**

| | |
|---|---|
| **Aspiration toxicity** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>Not applicable |
| **Toxicological information** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>Toxicokinetics<br>The substance is metabolised and excreted. |

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Toxicity**

| | |
|---|---|
| **Toxicity to fish** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>LC50 (96 h) Danio rerio (zebra fish) ; semi-static test<br>In the range of water solubility not toxic under test conditions. |
| **Toxicity to fish - Chronic toxicity** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>NOEC (155 d) Salmo gairdneri; reproduction rate; flow-through test<br>In the range of water solubility not toxic under test conditions.<br>The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).<br>Test substance: Diundecyl phthalate |
| **Toxicity to daphnia and other aquatic invertebrates** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>EC50 (48 h) Daphnia magna (Water flea)<br>In the range of water solubility not toxic under test conditions. |
| **Toxicity to daphnia and other aquatic invertebrates - Chronic toxicity** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>NOEC (21 d) Daphnia magna (Water flea); reproduction rate; flow-through test; In the range of water solubility not toxic under test conditions.<br>(literature value)<br>The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).<br>Test substance: Diundecyl phthalate |
| **Toxicity to aquatic plants** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>ErC50 (72 h) Desmodesmus subspicatus (green algae) ; In the range of water solubility not toxic under test conditions. |
| **Toxicity to bacteria** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>EC10 (4,92 h) Pseudomonas putida: > 990 mg/l; Respiration rate; oxygen consumption test<br><br>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>EC50 (28 d) nitrifying bacteria: 500mg/kg; Soil; OECD 216 |
| **Toxicity to soil dwelling organisms** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>LC10 (14 d) Eisenia foetida: > 1.000 mg/kg; mortality; artificial soil<br><br>1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>NOEC (56 d) Eisenia fetida (earthworms): 500 mg/kg; reproduction rate; artificial soil; OECD Test Guideline 222 |
| **Toxicity to terrestrial flora** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>emergence, growth; EC50 (18 d): > 100 mg/l; Triticum aestivum (wheat), Lepidium |

| | |
|---|---|
| | sativum (cress), Brassica alba (mustard); OECD Test Guideline 208 |
| | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>growth; NOEC (28 d): > 1.000 mg/l; Allium cepa; OECD Test Guideline 208 |
| | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>growth; NOEC (21 d): > 1.000 mg/l; Beta vulgaris; OECD Test Guideline 208 |
| | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>growth; NOEC (21 d): > 1.000 mg/l; Glycine max (G. soja); OECD Test Guideline 208 |
| **Toxicity for other terrestrial non-mammalian fauna** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>study scientifically unjustified<br>Justification:<br>Unlikely to pose a hazard to birds.<br>Readily biodegradable. |

**12.2 Persistence and degradability**

| | |
|---|---|
| **Biodegradability** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>> 60 %; 28 d; aerobic; OECD Test Guideline 301B |

**12.3 Bioaccumulative potential**

| | |
|---|---|
| **Bioaccumulation** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>Bioconcentration factor (BCF): 341; calculated<br>not bioaccumulative according PBT criteria |

**12.4 Mobility in soil**

| | |
|---|---|
| **Mobility** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>Koc: > 5000; calculated<br>immobile<br>strong adsorption to soil |

**12.5 Results of PBT and vPvB assessment**

| | |
|---|---|
| **Results of PBT assessment** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>Based on available data, the classification criteria are not met. |

**12.6 Other adverse effects**

| | |
|---|---|
| **General advice** | 1,2-Benzenedicarboxylic acid, di-C8-10-alkyl esters:<br>None known. |

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

| | |
|---|---|
| **Product** | Following pre-treatment and observing the regulations for hazardous wastes, it must be taken to a permitted hazardous wastes landfill or hazardous wastes incinerator. |
| **Contaminated packaging** | Packaging that cannot be cleaned must be disposed of in the same way as the material itself. |
| **waste code of the European Union: EWC** | 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. |

## 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**

**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.<br>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

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