

# IsoGuard Select

## Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 18/11/2019



SDSIGS

ENEU

Rev. C

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Substance  
Trade name : IsoGuard Select  
Chemical name : bis(2-propylheptyl) phthalate  
IUPAC name : bis(2-propylheptyl) phthalate  
EC no : 258-469-4  
CAS No : 53306-54-0  
Product Code : 24F516, 24D086  
Formula : C<sub>28</sub>H<sub>46</sub>O<sub>4</sub>  
Synonyms : Bis(2-propylheptyl) phthalate / 1,2-Benzenedicarboxylic acid, 1,2-bis(2-propylheptyl) ester

#### 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 : Anti-sticking agent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Graco BVBA  
Industrieterrein Ounde Bunders  
Maasmechelen - Belgium  
T +32 89 770 700 - F +32 89 770 777  
[reach@graco.com](mailto:reach@graco.com)

#### 1.4. Emergency telephone number

Emergency number : +44 870 8200418 (Chemtrec)  
24/24

### 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

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

#### 2.3. Other hazards not contributing to the classification

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Substance type : Mono-constituent

Name	Product identifier	%
bis(2-propylheptyl) phthalate	(CAS-No.) 53306-54-0 (EC-No.) 258-469-4	80 - 100

Full text of H-statements: see section 16

#### 3.2. Mixtures

Not applicable

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Wash contaminated clothing before reuse. Take off immediately all contaminated clothing. Wash with plenty of soap and water.
- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting unless directed to do so by medical personnel. Consult a doctor/medical service 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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : carbon dioxide (CO<sub>2</sub>), water, dry chemical powder.
- Unsuitable extinguishing media : None known.

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

- Fire hazard : None known. Not flammable at ambient temperature and pressure.
- Explosion hazard : None known.
- Hazardous decomposition products in case of fire : Toxic gases and fumes may be released in a fire.

#### 5.3. Advice for firefighters

- Precautionary measures fire : This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).
- Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Cool tanks/drums with water spray/remove them into safety. Withdraw immediately from the area if there is a rising sound from a venting safety device or discoloration of vessels, tanks, or pipelines. Evacuate area.
- Protective equipment for firefighters : In case of fire: Wear self-contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing.
- Emergency procedures : Eliminate all ignition sources if safe to do so. Evacuate personnel to a safe area.

##### 6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing. In case of fire: Wear self-contained breathing apparatus.
- Emergency procedures : Evacuate area. Ventilate affected area.

#### 6.2. Environmental precautions

Avoid release to the environment. Relevant water authorities should be notified of any large spillage to water course or drain.

#### 6.3. Methods and material for containment and cleaning up

- For containment : In case of small spillages in closed waters, contain product with floating barriers or other equipment.
- Methods for cleaning up : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Remove from the water surface (e.g. skimming, sucking). Collect in closed containers for disposal.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Combustible liquid.
- Precautions for safe handling : Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources. Keep container closed when not in use. Open and handle container with care. Ensure adequate ventilation.
- Handling temperature : > 60 °C

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Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.  
Take care for general good hygiene and housekeeping.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store tightly closed in a dry, cool and well-ventilated place.  
Incompatible products : Oxidizing agent.  
Storage temperature : < 45 °C  
Heat and ignition sources : Keep away from open flames, hot surfaces and sources of ignition.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Throat Seal Liquid (53306-54-0)		
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Estonia	OEL TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Estonia	OEL STEL (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Lithuania	IPRV (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Lithuania	TPRV (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	5 glycine unit/m <sup>3</sup>

### 8.2. Exposure controls

#### Personal protective equipment:

Protective goggles. Gloves.

#### Hand protection:

Wear suitable gloves tested to EN374. Neoprene. NBR (Nitrile rubber). (breakthrough time of > 240 minutes). Material thickness > 0.11 mm

#### Eye protection:

Safety glasses with side shields

#### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Colour : No data available  
Odour : Faint odour.  
Odour threshold : No data available  
pH : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : 252.5 - 253.4 °C @7 hPa  
Flash point : 220 °C (ASTM D92)  
Auto-ignition temperature : 345 °F  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : < 0.00001 atm @ 20°C  
Relative vapour density at 20 °C : No data available

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Relative density	: 0.9624 g/cm <sup>3</sup> @20°C
Solubility	: Soluble in organic solvents. Water: < 0.1 µg/l
Log Pow	: 10.6 - 10.8 @25°C
Viscosity, kinematic	: 127.86 cSt @20°C
Viscosity, dynamic	: No data available
Explosive properties	: not explosive.
Oxidising properties	: not oxidizing.
Explosive limits	: No data available

### 9.2. Other information

VOC content : not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### 10.5. Incompatible materials

Oxidizing agents, strong.

### 10.6. Hazardous decomposition products

No hazardous decomposition products under suitable storage and usage conditions as prescribed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### Throat Seal Liquid (53306-54-0)

LD50 dermal rabbit	> 2000
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Skin corrosion/irritation	: Not classified
Additional information	: (OECD 404)
Serious eye damage/irritation	: Not classified
Additional information	: OECD 405
Respiratory or skin sensitisation	: Not classified. (Results based on a similar product)
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

#### Throat Seal Liquid (53306-54-0)

Viscosity, kinematic	127.86 mm <sup>2</sup> /s @20°C
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## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

#### Throat Seal Liquid (53306-54-0)

Persistence and degradability	Readily biodegradable in water.
Biodegradation	80 - 90 % 28d - OECD 301B

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### 12.3. Bioaccumulative potential

Throat Seal Liquid (53306-54-0)	
BCF fish 1	< 14.4 Carp, 56d - OECD 305C
Log Pow	10.6 - 10.8 @25°C

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

Throat Seal Liquid (53306-54-0)	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

No additional information available

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

No data available

#### - Rail transport

No data available

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Throat Seal Liquid is not on the REACH Candidate List

Throat Seal Liquid is not on the REACH Annex XIV List

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VOC content : not available

### 15.1.2. National regulations

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on Turkish inventory of chemical  
Taiwan Chemical Substance Inventory

### Germany

VwVwS Annex reference : Water hazard class (WGK) 1, low hazard to waters (Classification according to VwVwS, Annex 1 or 2; ID No. 1359)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

### Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out  
This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

## SECTION 16: Other information

Indication of changes:

2.1. Classification of the substance or mixture. 2.2. Label elements. 3. Composition/information on ingredients. Regulation reference. According to Regulation (EU) 2015/830 (REACH Annex II).

Other information : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product. This SDS was prepared by Intertek. However, the information is provided without any warranty, expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, Intertek does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.

SDS EU (REACH Annex II)

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