

Throat Seal Liquid

Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 12/11/2014

Revision date: 09/05/2017



SDSTSL

ENEU

Rev. B

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

1.1. Product identifier

Product form	: Substance
Trade name	: Throat Seal Liquid
Chemical name	: bis(2-propylheptyl) phthalate
IUPAC name	: bis(2-propylheptyl) phthalate
EC no	: 258-469-4
CAS No	: 53306-54-0
REACH registration No	: not available
Product Code	: 206994, 206995, 206996, 206997, 206998, 24C822, 24C823, 238049
Formula	: C28H46O4
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

1.4. Emergency telephone number

Emergency number : 1- 703-741-5970 (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 (REACH-no) not available	80 - 100

Full text of H-statements: see section 16

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3.2. Mixtures

Not applicable

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 (CO₂), 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.

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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
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 ³)	3 mg/m ³
Estonia	OEL TWA (mg/m ³)	3 mg/m ³
Estonia	OEL STEL (mg/m ³)	5 mg/m ³
Lithuania	IPRV (mg/m ³)	3 mg/m ³
Lithuania	TPRV (mg/m ³)	5 mg/m ³
Sweden	nivågränsvärde (NVG) (mg/m ³)	3 mg/m ³
Sweden	kortidsvärde (KTV) (mg/m ³)	5 glycine unit/m ³

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

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Flammability (solid, gas)	: No data available
Vapour pressure	: < 0.00001 atm @ 20°C
Relative vapour density at 20 °C	: No data available
Relative density	: 0.9624 g/cm ³ @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 ² /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.
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Throat Seal Liquid (53306-54-0)	
Biodegradation	80 - 90 % 28d - OECD 301B

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
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
14.3. Transport hazard class(es)				
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				
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

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Throat Seal Liquid is not on the REACH Annex XIV List

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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