

Throat Seal Liquid

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Revision date: 12/11/2014



SDSTSL
ENEU
Rev. A

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

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

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

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. Substance

Substance type	: Mono-constituent
Name	: bis(2-propylheptyl) phthalate
CAS No	: 53306-54-0
EC no	: 258-469-4

Throat Seal Liquid

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Name	Product identifier	%	Classification according to Directive 67/548/EEC
bis(2-propylheptyl) phthalate (Main constituent)	(CAS No) 53306-54-0 (EC no) 258-469-4 (REACH-no) not available	80 - 100	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
bis(2-propylheptyl) phthalate (Main constituent)	(CAS No) 53306-54-0 (EC no) 258-469-4 (REACH-no) not available	80 - 100	Not classified

Full text of R- and H-phrases: see section 16

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.
- 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. Evacuate area and fight fire from a safe 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.
- 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.

Throat Seal Liquid

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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. Use only with 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/m³)	3 mg/m³
Estonia	OEL TWA (mg/m³)	3 mg/m³
Estonia	OEL STEL (mg/m³)	5 mg/m³
Lithuania	IPRV (mg/m³)	3 mg/m³
Lithuania	TPRV (mg/m³)	5 mg/m³
Sweden	nivågränsvärde (NVG) (mg/m³)	3 mg/m³
Sweden	kortidsvärde (KTV) (mg/m³)	5 glycine unit/m³

8.2. Exposure controls

- Personal protective equipment : Protective goggles. Gloves.



- Hand protection : Wear suitable gloves tested to EN374. Neoprene. NBR (Nitrile rubber).
- 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 odor.
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Melting point : No data available

Throat Seal Liquid

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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
Relative density	: 0,9624 g/cm³ @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

No additional information 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 oral rat	> 5000
LD50 dermal rabbit	> 2000
LC50 inhalation rat (mg/l)	> 20,5 mg/l 1h exposure to aerosol

Skin corrosion/irritation	: Not classified (OECD 404)
Serious eye damage/irritation	: Not classified 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
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

Throat Seal Liquid (53306-54-0)	
Viscosity, kinematic	127,86 mm²/s @20°C

Throat Seal Liquid

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 12: Ecological information

12.1. Toxicity

Throat Seal Liquid (53306-54-0)	
LC50 fishes 1	> 10000 96 h
EC50 Daphnia 1	> 100 48h

12.2. Persistence and degradability

Throat Seal Liquid (53306-54-0)	
Persistence and degradability	Readily biodegradable in water.
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

Throat Seal Liquid (53306-54-0)	
Log Koc	6,8 OECD 121

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

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: Not applicable
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IMDG

Transport hazard class(es) (IMDG)	: Not applicable
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IATA

Transport hazard class(es) (IATA)	: Not applicable
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ADN

Transport hazard class(es) (ADN)	: Not applicable
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RID

Transport hazard class(es) (RID)	: Not applicable
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14.4. Packing group

Packing group (ADR)	: Not applicable
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Throat Seal Liquid

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

14.6.2. Transport by sea

14.6.3. Air transport

14.6.4. Inland waterway transport

Not subject to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

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 PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Germany

Water hazard class (WGK) : 1 - slightly hazardous to water

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

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 the mentioned precautionary measures and to ensure that this information is complete and sufficient for the use of this product.

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SDS EU (REACH Annex II)

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