

## BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

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

- 1.1. Product identifier**  
 Substance / mixture: BS Semitrack mixture  
 UFI: YMG0-T0F5-R00W-VQDK
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
 For professional use only. Lubricating agent for conveyor belts.  
**Main intended use**  
 PC-TEC-11 Lubricants, greases, release agents  
**Mixture uses advised against**  
 The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**  
 Name or trade name: UAB "BS Chemical"  
 Address: Briedžio g. 13, Kretinga, Lithuania  
 Phone: +37066373748  
 Email: info@bs-chemical.lt  
 Web address: www.bs-chemical.com  
**Competent person responsible for the safety data sheet**  
 Name: Beata Tumaš  
 Email: beata@bs-chemical.lt
- 1.4. Emergency telephone number**  
 European emergency number: 112

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Eye Irrit. 2, H319  
 Aquatic Chronic 3, H412

**Most serious adverse effects on human health and the environment**

Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

- 2.2. Label elements**

**Hazard pictogram**



**Signal word**

Warning

**Hazardous substances**

$\alpha$ -(2-propylheptyl)- $\omega$ -hydroxy-poly(oxy-1,2-ethanediyl) polyhexamethylene biguanide hydrochloride

**Hazard statements**

H319 Causes serious eye irritation.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P273 Avoid release to the environment.  
 P280 Wear eye protection/protective gloves.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



## BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

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

**If inhaled**

Not expected.

**If on skin**

Not expected.

**If in eyes**

Causes serious eye irritation.

**If swallowed**

Not expected.

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

Symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

**Unsuitable extinguishing media**

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

## SECTION 6: Accidental release measures

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

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Storage temperature

+5...+35 °C

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

## BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles.

#### Skin protection

When handling in long-term or repeatedly, use protective gloves. Contaminated skin should be washed thoroughly.

#### Respiratory protection

It is not needed.

#### Thermal hazard

Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

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

Physical state	liquid
Colour	white
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	5.5-8.5 (100% solution at 20-25 °C)
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	0.99-1.01 g/cm <sup>3</sup> at 20-25 °C
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

BS Semitrack							
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	ATE	29412 mg/kg				Calculation of value	
Inhalation (vapor)	ATE	250 mg/l				Calculation of value	

polyhexamethylene biguanide hydrochloride							
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD <sub>50</sub>	2504 mg/kg		Rat			SDL
		1.85 mg/l	4 hours				SDL
Dermal	LD <sub>50</sub>	>2000 mg/kg		Rat			SDL

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)							
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD <sub>50</sub>	>500 mg/kg					SDL

##### Skin corrosion/irritation

Based on the available data, the criteria for classification of the mixture are not met.

polyhexamethylene biguanide hydrochloride				
Route of exposure	Result	Exposure time	Species	Source
Dermal	No effect			SDL

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)				
Route of exposure	Result	Exposure time	Species	Source
Dermal	No effect			SDL

##### Serious eye damage/irritation

Causes serious eye irritation.

polyhexamethylene biguanide hydrochloride					
Route of exposure	Result	Method	Exposure time	Species	Source
Eye	Irritating			Rabbit	SDL

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)					
Route of exposure	Result	Method	Exposure time	Species	Source
Eye	Irreversible damage	OECD 405		Rabbit	SDL

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

### Respiratory or skin sensitisation

Based on the available data, the criteria for classification of the mixture are not met.

polyhexamethylene biguanide hydrochloride					
Route of exposure	Result	Exposure time	Species	Sex	Source
Dermal	Sensitizing				SDL
Inhalation	Indeterminate				

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)					
Route of exposure	Result	Exposure time	Species	Sex	Source
Inhalation	No effect				SDL
Dermal	No effect				SDL

### Germ cell mutagenicity

Based on the available data, the criteria for classification of the mixture are not met.

polyhexamethylene biguanide hydrochloride					
Result	Exposure time	Specific target organ	Species	Sex	Source
Indeterminate					

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)					
Result	Exposure time	Specific target organ	Species	Sex	Source
No effect					SDL

### Carcinogenicity

Based on the available data, the criteria for classification of the mixture are not met.

polyhexamethylene biguanide hydrochloride						
Route of exposure	Parameter	Value	Result	Species	Sex	Source
			Indeterminate			

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)						
Route of exposure	Parameter	Value	Result	Species	Sex	Source
			No effect			SDL

### Reproductive toxicity

Based on the available data, the criteria for classification of the mixture are not met.

polyhexamethylene biguanide hydrochloride						
Effect	Parameter	Value	Result	Species	Sex	Source
			Indeterminate			

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)						
Effect	Parameter	Value	Result	Species	Sex	Source
			No effect			SDL

### Toxicity for specific target organ - single exposure

Based on the available data, the criteria for classification of the mixture are not met.

## BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

### Toxicity for specific target organ - repeated exposure

Based on the available data, the criteria for classification of the mixture are not met.

#### polyhexamethylene biguanide hydrochloride

Route of exposure	Parameter	Value	Specific target organ	Result	Species	Sex	Source
Inhalation			The respiratory system	Negative			SDL

#### α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)

Route of exposure	Parameter	Value	Specific target organ	Result	Species	Sex	Source
				No effect			SDL

### Aspiration hazard

Based on the available data, the criteria for classification of the mixture are not met.

## 11.2. Information on other hazards

### Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

### Other information

not available

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

#### Acute toxicity

#### polyhexamethylene biguanide hydrochloride

Parameter	Value	Exposure time	Species	Environment	Source
	-				

#### α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)

Parameter	Value	Exposure time	Species	Environment	Source
EC <sub>50</sub>	>10-100 mg/l	48 hours	Daphnia		SDL
EC <sub>50</sub>	>10-100 mg/l	72 hours	Algae and other aquatic plants		SDL

### 12.2. Persistence and degradability

The substance is biodegradable.

#### Biodegradability

#### polyhexamethylene biguanide hydrochloride

Parameter	Value	Exposure time	Environment	Result	Source
	-				

#### α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)

Parameter	Value	Exposure time	Environment	Result	Source
	100 %			Easily biodegradable	SDL

### 12.3. Bioaccumulative potential

## BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

Insignificant.

polyhexamethylene biguanide hydrochloride			
Parameter	Value	Result	Source
	-		

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)			
Parameter	Value	Result	Source
		Low	SDL

### 12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

polyhexamethylene biguanide hydrochloride	
Parameter	Value
	-

α-(2-propylheptyl)-ω-hydroxy-poly(oxy-1,2-ethanediyl)	
Parameter	Value
	-

### 12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

### 12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

### 12.7. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

12 01 12\* spent waxes and fats

#### Packaging waste type code

15 01 02 plastic packaging

(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## SECTION 14: Transport information

### 14.1. UN number or ID number

not subject to transport regulations

### 14.2. UN proper shipping name

not relevant

## BS Semitrack

Creation date	18th October 2013	Version	
Revision date	18th August 2025		4

**14.3. Transport hazard class(es)**

not relevant

**14.4. Packing group**

not relevant

**14.5. Environmental hazards**

not relevant

**14.6. Special precautions for user**

Reference in the Sections 4 to 8.

**14.7. Maritime transport in bulk according to IMO instruments**

not relevant

**SECTION 15: Regulatory information**

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**15.2. Chemical safety assessment**

not available

**More information**

Contains: non-ionic surfactants <5%.

**SECTION 16: Other information**

**A list of standard risk phrases used in the safety data sheet**

EUH208	Contains polyhexamethylene biguanide hydrochloride. May produce an allergic reaction.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H351	Suspected of causing cancer.
H372	Causes damage to the respiratory tract through prolonged or repeated exposure if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Guidelines for safe handling used in the safety data sheet**

P273	Avoid release to the environment.
P280	Wear eye protection/protective gloves.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to in accordance with national regulations.

**Other important information about human health protection**

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

**Key to abbreviations and acronyms used in the safety data sheet**

Acute Tox.	Acute toxicity
ADR	Agreement concerning the international carriage of dangerous goods by road
Aquatic Acute	Hazardous to the aquatic environment

## BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

Aquatic Chronic	Hazardous to the aquatic environment (chronic)
ATE	Acute toxicity estimate
BCF	Bioconcentration Factor
Carc.	Carcinogenicity
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50 % of the population
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
 REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

### Statement



## SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

### BS Semitrack

Creation date	18th October 2013	Version	4
Revision date	18th August 2025		

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.

BS CHEMICAL