



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006

version: 1.1  
replaces version: 1.0

revised on: 01.01.2026  
print date: 12.06.2026

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

### 1.1 Product identifier

TRIBUNOL HYPOID 85W-140 GL5

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture:

Lubricants, greases, release products

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

Tributech GmbH  
Windhauser Weg 2  
41366 Schwalmtal

Telephone: +49 (0)2163 889 3444  
Fax: +49 (0)2163 889 3456  
E-Mail: info@tributech.de

### 1.4 Emergency telephone number

Poison Control Centre (Bonn): +49 (0) 228 19240 (available 24 hours a day)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

#### Environmental Hazards:

Aquatic Chronic 3; H412

### 2.2 Label elements

**Classification according to Regulation (EC) No 1272/2008**

#### Hazard Statements:

H412 Harmful to aquatic life with long lasting effects.

#### Supplemental label information:

EUH208 Contains Amines, C10-C14-tert-alkyl. May produce an allergic reaction.

#### Precautionary Statements:

P103 Read label before use.  
P273 Avoid release to the environment.



P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3 Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Dangerous components:

CAS No	Chemical name	Quantity
	EC No                      Index No                      REACH No	
	Classification (Regulation (EC) No 1272/2008)	
68937-96-2	Polysulfides, di-tert-butyl-	1 - < 5 %
	273-103-3	
	Skin Sens. 1B, Aquatic Chronic 3; H317 H412	
1213789-63-9	C16-18 (even-chain, saturated, and unsaturated) alkylamines	< 0.1 %
	627-034-4                      01-2119473797-19	
	Aquatic Chronic 1; H302 H314 H335 H373 H304 H400 H410	

For the wording of the listed hazard phrases refer to section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
68937-96-2	273-103-3	Polysulfides, di-tert-butyl-	1 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg Skin Sens. 1B; H317: >= 46 - 100	
1213789-63-9	627-034-4	C16-18 (even-chain, saturated, and unsaturated) alkylamines	< 0.1 %
		inhalativ: LC50 = >0,099 mg/l (Dämpfe); dermal: LD50 = >2000 mg/kg; oral: LD50 = 1689 mg/kg Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=10	

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**After inhalation:**

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

**After contact with skin:**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

**After contact with eyes:**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion:**

Rinse mouth immediately and drink 1 glass of water.



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

No information available.

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

Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

**Suitable extinguishing media:**

Co-ordinate fire-fighting measures to the fire surroundings. Foam

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

Non-flammable.

#### **5.3 Advice for firefighters**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**Protective equipment:**

In case of fire: Wear self-contained breathing apparatus.

### **SECTION 6: Accidental release measures**

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

General advice: Use personal protection equipment.

#### **6.2 Environmental precautions**

Do not allow to enter into surface water or drains.

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

For cleaning up: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4 Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13



## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling:**

No special measures are necessary.

**Advice on protection against fire and explosion:**

No special fire protection measures are necessary.

**Advice on general occupational hygiene:**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

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

**Requirements for storage rooms and vessels:**

Keep container tightly closed.

**Hints on joint storage:**

No special measures are necessary.

**Storage class according to TRGS 510:**

10 (Flammable liquids that cannot be assigned to any of the above LGK categories)

### 7.3 Specific end uses

Lubricants, greases, release products

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

DNEL/DMEL values:

CAS No	Name of agent	Exposure route	Effect	Value
1213789-63-9	C16–18 (even-chain, saturated, and unsaturated) alkylamines			
	Consumer DNEL, long-term	oral	systemic	0.04 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	0.035 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	local	1 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	0.09 mg/kg bw/day
	Worker DNEL, long-term	inhalation	local	1 mg/m <sup>3</sup>
	Worker DNEL, long-term	inhalation	systemic	0.38 mg/m <sup>3</sup>

PNEC values:

CAS No	Name of agent	Environmental compartment	Value
1213789-63-9	C16–18 (even-chain, saturated, and unsaturated) alkylamines		
	Freshwater		0.00026 mg/l
	Freshwater (intermittent releases)		0.0016 mg/l
	Marine water		0.000026 mg/l
	Marine water (intermittent releases)		0.0016 mg/l
	Freshwater sediment		3.76 mg/kg
	Marine sediment		0.376 mg/kg
	Micro-organisms in sewage treatment plants (STP)		0.55 mg/l
	Soil		10 mg/kg



## 8.2 Exposure controls



### Protective gloves

#### **Respiratory protection:**

In case of inadequate ventilation wear respiratory protection.

#### **Skin/hand protection:**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### **Eye/face protection:**

Wear eye protection/face protection.

#### **Body protection:**

Use of protective clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state:</b>	Liquid
<b>Colour:</b>	amber
<b>Odour:</b>	characteristic
<b>pH-Value:</b>	not determined
<b>Melting/freezing point:</b>	not determined
<b>Pourpoint:</b>	< -15 °C (ISO 3016)
<b>Boiling point and boiling range:</b>	not determined
<b>Flash point:</b>	> 230 °C (ISO 2592)
<b>Ignition temperature:</b>	not determined
<b>Decomposition temperature:</b>	not determined
<b>Evaporation rate:</b>	not determined
<b>Flammability:</b>	not determined
<b>Upper explosion limits:</b>	not determined
<b>Lower explosion limits:</b>	not determined
<b>Vapour pressure:</b>	not determined
<b>Relative vapour density:</b>	not determined
<b>Density (at 15 °C):</b>	0.891 g/cm <sup>3</sup> (DIN 51757)
<b>Water solubility:</b>	The study does not need to be conducted because the substance is known to be insoluble in water.
<b>Solubility in other solvents:</b>	not determined
<b>Partition coefficient n-octanol/water:</b>	not determined



<b>Viscosity (at 40 °C):</b>	360 mm <sup>2</sup> /s (DIN 51562)
<b>Explosive properties:</b>	The product is not: Explosive. not explosive according to EU A.14
<b>Oxidizing properties:</b>	The product is not: oxidising.
<b>Particle characteristics:</b>	not applicable

## 9.2 Other information

Solid content: not determined

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

none

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

#### **Acute toxicity:**

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

#### **ATEmix calculated:**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l;  
ATE (inhalation dust/mist) > 5 mg/l



CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68937-96-2	Polysulfides, di-tert-butyl-				
	oral	LD50 > 2000 mg/kg	Rat		OECD 401
	dermal	LD50 > 2000 mg/kg	Rat		OECD 402
1213789-63-9	C16–18 (even-chain, saturated, and unsaturated) alkylamines				
	oral	LD50 1689 mg/kg	Rat		OECD 401
	dermal	LD50 > 2000 mg/kg	Rat		OECD 402
	inhalation (1 h) vapour	LD50 > 0,099 mg/l	Rat		OECD 403

**Irritation and corrosivity:**

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

**Serious eye damage/irritation:**

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

**Respiratory or skin sensitisation:**

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

**Germ cell mutagenicity:**

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

**Carcinogenicity:**

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

**Reproductive toxicity:**

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

**STOT-single exposure:**

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

**STOT-repeated exposure:**

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

**Aspiration hazard:**

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

## 11.2 Information on other hazards

**Endocrine disrupting properties:**

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmful to aquatic life with long lasting effects.



CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
68937-96-2	Polysulfides, di-tert-butyl-					
	Acute algae toxicity	ErC50 > 1.89 mg/l	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 0.255 mg/l	48 h	Daphnia magna		
1213789-63-9	C16–18 (even-chain, saturated, and unsaturated) alkylamines					
	Acute fish toxicity	LL50 0.06 mg/l	96 h	Pimephales promelas (fathead minnow)		
	Acute algae toxicity	ErC50 0.46 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EL50 0.011 mg/l	48 h	Daphnia magna		

## 12.2 Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
68937-96-2	Polysulfides, di-tert-butyl-			
	OECD 301B	13%	28	Activated sludge
	Not readily biodegradable (according to OECD criteria)			
1213789-63-9	C16–18 (even-chain, saturated, and unsaturated) alkylamines			
	OECD 301B	66%	28	Activated sludge
	Readily biodegradable (according to OECD criteria).			

## 12.3 Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water:

CAS No	Chemical name	Log Pow
68937-96-2	Polysulfides, di-tert-butyl-	5.6

BCF:

CAS No	Chemical name	BCF	Species	Source
68937-96-2	Polysulfides, di-tert-butyl-	188		

## 12.4 Mobility in soil

The product has not been tested.

## 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

## 12.7 Other adverse effects



Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**List of Wastes Code:**

residues/unused products:

13 01 10 – OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste hydraulic oils; mineral based non-chlorinated hydraulic oils; hazardous waste

used product:

13 01 10 – OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste hydraulic oils; mineral based non-chlorinated hydraulic oils; hazardous waste

**Contaminated packaging:**

15 02 02 – WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; absorbents, filter materials, wiping cloths and protective clothing; absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances; hazardous waste

**Recommendation:**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.  
Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

**Land transport (ADR/RID):**

**14.1 UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2 UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3 Transport hazard classes:**

No dangerous good in sense of this transport regulation.

**14.4 Packing group:**

No dangerous good in sense of this transport regulation.

**14.5 Environmental hazards:**

No

**14.6 Special precautions for user:**

No dangerous good in sense of this transport regulation.



## **Inland waterways transport (ADN):**

**14.1 UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2 UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3 Transport hazard classes:**

No dangerous good in sense of this transport regulation.

**14.4 Packing group:**

No dangerous good in sense of this transport regulation.

**14.5 Environmental hazards:**

No

**14.6 Special precautions for user:**

No dangerous good in sense of this transport regulation.

## **Marine transport (IMDG):**

**14.1 UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2 UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3 Transport hazard classes:**

No dangerous good in sense of this transport regulation.

**14.4 Packing group:**

No dangerous good in sense of this transport regulation.

**14.5 Environmental hazards:**

No

**14.6 Special precautions for user:**

No dangerous good in sense of this transport regulation.

## **Air transport (ICAO-TI/IATA-DGR):**

**14.1 UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2 UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3 Transport hazard classes:**

No dangerous good in sense of this transport regulation.

**14.4 Packing group:**

No dangerous good in sense of this transport regulation.

**14.5 Environmental hazards:**

No

**14.6 Special precautions for user:**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

## **SECTION 15: Regulatory information**

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

#### **EU regulatory information:**

Restrictions on use (REACH, annex XVII): Entry 3, Entry 75

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

#### **National regulatory information:**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water



resorption/Sensitization: Causes allergic hypersensitivity reactions

## **15.2 Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

## **SECTION 16: Other information**

### **Relevant H and EUH statements (number and full text):**

H302 – Harmful if swallowed.  
H304 – May be fatal if swallowed and enters airways.  
H314 – Causes severe skin burns and eye damage.  
H317 – May cause an allergic skin reaction.  
H318 – Causes serious eye damage.  
H335 – May cause respiratory irritation.  
H373 – May cause damage to organs through prolonged or repeated exposure.  
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.  
EUH208 – Contains Amines, C10-C14-tert-alkyl. May produce an allergic reaction.

### **Other information:**

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]:  
Classification – Classification procedure  
Aquatic Chronic 3; H412 – Calculation method

### **Abbreviations and acronyms:**

Acute Tox: Acute toxicity  
Asp. Tox: Aspiration hazard  
Skin Corr: Skin corrosion  
Eye Dam: Eye damage  
Skin Sens: Skin sensitisation  
STOT SE: Specific target organ toxicity - single exposure  
STOT RE: Specific target organ toxicity - repeated exposure  
Aquatic Acute: Acute aquatic hazard  
Aquatic Chronic: Chronic aquatic hazard  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations



DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

EC/EEC: European Community/European Economic Community

EU: European Union

M-factor: Multiplying factor

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

## Disclaimer:

The above information in the safety data sheet corresponds to the best of our knowledge and experience and serves only to describe the product in terms of safety during handling, transport, and disposal. The information does not in any way constitute a (technical) description of the nature of the goods (product specification). The suitability of the product for a specific application cannot be inferred from the information provided in the safety data sheet. Changes to this document are not permitted. The information is not transferable to other products. If the product is mixed, blended, or processed with other materials, or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced. It is the responsibility of the recipient of our product to comply with applicable federal, state, and local laws in their activities. Please contact us if you require current safety data sheets.

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