

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430010

Revision date: 30.06.2023

Product code: 00635-0046

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

#### 1.1. Product identifier

GREASE TUBE 1615430010

#### **Art.-No.**

1615430010

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

##### **Use of the substance/mixture**

Lubricant

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

Company name: Robert Bosch Power Tools GmbH  
PT/EEI

Place: 70538 Stuttgart / GERMANY

Internet: [www.bosch-pt.com](http://www.bosch-pt.com)

Responsible Department: Responsible for the safety data sheet: [sds@gbk-ingelheim.de](mailto:sds@gbk-ingelheim.de)

#### 1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)  
In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### **Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

#### 2.2. Label elements

##### **Regulation (EC) No. 1272/2008**

##### **Special labelling of certain mixtures**

EUH208 Contains Tolutriazole derivative. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

#### 2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

High risk of slipping due to leakage/spillage of product.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### **Chemical characterization**

Synthetic lubricants with additives

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### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
84961-70-6	Benzene, mono-C10-13-alkyl derivs., distillation residues			< 20 %
	284-660-7		01-2119485843-26	
	Asp. Tox. 1; H304			
	Tolutriazole derivative			< 1 %
	939-700-4		01-2119982395-25	
	Skin Irrit. 2, Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 2; H315 H317 H400 H411			

Full text of H and EUH statements: see section 16.

### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
	939-700-4	Tolutriazole derivative	< 1 %
	Aquatic Acute 1; H400: M=1		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately.  
If you feel unwell, seek medical advice.

#### After inhalation

Ensure of fresh air.  
In the event of symptoms refer for medical treatment.

#### After contact with skin

Wash with water and soap as a precaution.  
Consult a doctor if skin irritation persists.

#### After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Seek medical treatment by eye specialist.

#### After ingestion

Rinse out mouth and give plenty of water to drink.  
Never give anything by mouth to an unconscious person.  
In the event of persistent symptoms receive medical treatment.

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

May cause sensitization of susceptible persons by skin contact.

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

Treat symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

#### Unsuitable extinguishing media

Full water jet



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

Fire may produce:  
carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>)

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

Use breathing apparatus with independent air supply.  
Protective suit.

### **Additional information**

Cool containers at risk with water spray jet.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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

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

#### **General advice**

High risk of slipping due to leakage/spillage of product.  
Keep away noninvolved persons.

#### **For non-emergency personnel**

Avoid contact with skin, eyes and clothing.

#### **For emergency responders**

Use personal protective clothing.

### **6.2. Environmental precautions**

Do not discharge into the drains/surface waters/ground water.  
Inform competent authority about release into the sewage, ground or into waters.

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

#### **For containment**

No special measures required.

#### **For cleaning up**

Take up mechanically.

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

Observe protective instructions (see Sections 7 and 8).  
Information for disposal see section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Ensure adequate ventilation, especially in confined areas.  
Do not breathe vapours.  
Avoid contact with skin, eyes and clothing.

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

No special protective measures against fire required.

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

#### **Requirements for storage rooms and vessels**

Keep in closed original container.  
Recommended storage temperature: 15°C - 25°C

#### **Hints on joint storage**

Incompatible with:  
Strong oxidizing agents  
Acids and bases.

#### **Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

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### 7.3. Specific end use(s)

Lubricant

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### **Additional advice on limit values**

This product does not contain any substances for which a Workplace Exposure Limit has been set in concentrations above the limits.

### 8.2. Exposure controls

#### **Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

#### **Protective and hygiene measures**

Wash hands before breaks and at the end of workday.

When using do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

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

Safety goggles with side protection (EN 166).

#### **Hand protection**

Protective gloves resistant to chemicals made off nitrile, coat thickness > 0.3 mm, Permeation resistance (wear duration) approx. 480 minutes.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

#### **Skin protection**

Long sleeved clothing (DIN EN ISO 6530)

#### **Respiratory protection**

No personal respiratory protective equipment normally required.

## SECTION 9: Physical and chemical properties

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

Physical state:	Pasty
Colour:	Brown
Odour:	Like mineral oil

pH-Value:	n.a.
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#### **Changes in the physical state**

Melting point/freezing point:	n.d.
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Boiling point or initial boiling point and boiling range:	n.d.
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Sublimation point:	n.a.
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Softening point:	n.d.
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Drop point:	180 °C IP 396
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Flash point:	n.a.
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#### **Flammability**

Solid/liquid:	n.a.
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#### **Test method**

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### Explosive properties

The product is not explosive.

Lower explosion limits: n.d.

Upper explosion limits: n.d.

Auto-ignition temperature: n.d.

### Self-ignition temperature

Solid: n.a.

Gas: n.a.

Decomposition temperature: n.d.

### Oxidizing properties

Not oxidising.

Vapour pressure:  
(at 20 °C) n.d.

Density (at 25 °C): 0,90 g/cm<sup>3</sup>

Bulk density: n.a.

Water solubility: insoluble

### Solubility in other solvents

n.d.

Partition coefficient n-octanol/water: n.d.

Viscosity / dynamic: n.d.

Viscosity / kinematic: n.d.

Flow time: n.d.

Relative vapour density: n.d.

Evaporation rate: n.d.

Solvent separation test: 0 %

Solvent content: 0 %

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No decomposition if stored and applied as directed.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reactions with acids, alkalies and oxidizing agents

### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

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

### 10.5. Incompatible materials

Strong oxidizing agents

Acids and bases.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

Fire may produce:

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Carbon monoxide and carbon dioxide  
Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

### 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.  
No toxicological data available.

##### Irritation and corrosivity

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

##### Sensitising effects

Contains Tolutriazole derivative. May produce an allergic reaction.

##### Carcinogenic/mutagenic/toxic effects for reproduction

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.

##### Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

No data available

##### Other information

Contact with eyes, skin or oral tissues may cause irritation.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecological data are not available.

Benzene, mono-C10-13-alkyl derivs., distillation residues  
LC50/Fish/96 h > 10000 mg/l

Tolutriazole derivative

LC50/Fish/96 h = 1,3 mg/l [OECD 203]

EC50/Daphnia magna/48 h = 2,05 mg/l [OECD 202]

EC50/Algae/72 h = 0,976 mg/l [OECD 201]

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

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

#### 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.

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### 12.7. Other adverse effects

Low hazard to waters.

### **Further information**

Do not flush into surface water or sanitary sewer system.

The product floats on top of the water/sewage.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Disposal recommendations**

Can be incinerated, when in compliance with local regulations.

Should not be disposed of with household waste.

Do not empty into drains.

#### **List of Wastes Code - residues/unused products**

120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats; hazardous waste

#### **Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

## SECTION 14: Transport information

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

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

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

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

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

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

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

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

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### 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

2004/42/EC (VOC): 0 %  
Information according to 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). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.  
Water hazard class (D): 1 - slightly hazardous to water

### 15.2. Chemical safety assessment

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

## SECTION 16: Other information

### Changes

#### Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
IMDG = International Maritime Code for Dangerous Goods  
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization  
MARPOL = International Convention for the Prevention of Pollution from Ships  
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals  
CAS = Chemical Abstract Service  
EN = European norm  
ISO = International Organization for Standardization  
DIN = Deutsche Industrie Norm  
PBT = Persistent Bioaccumulative and Toxic  
vPvB = Very Persistent and very Bio-accumulative  
LD = Lethal dose  
LC = Lethal concentration  
EC = Effect concentration  
IC = Median immobilisation concentration or median inhibitory concentration

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

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H400 Very toxic to aquatic life.

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H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains Tolutriazole derivative. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

#### Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*