

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 1 of 9

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

#### 1.1. Product identifier

GREASE TUBE 1615430003

#### Art.-No.

1615430003

#### 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

Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

#### 1.4. Emergency telephone

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

#### number:

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

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

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

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container to in accordance with local and national regulations.

##### Special labelling of certain mixtures

EUH208 Contains N-Phenyl-Naphthylamine. May produce an allergic reaction.

#### 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 2 of 9

### Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
84605-29-8	Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts			1 - < 3 %
	283-392-8		01-2119493626-26	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411			
90-30-2	N-Phenyl-Naphthylamine			0,1 - < 1 %
	201-983-0		01-2119488704-27	
	Acute Tox. 4, Skin Sens. 1B, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H302 H317 H373 H400 H410			

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			
84605-29-8	283-392-8	Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	1 - < 3 %	
	Skin Irrit. 2; H315: >= 6,25 - 100 Eye Dam. 1; H318: >= 12,5 - 100 Eye Irrit. 2; H319: >= 10 - < 12,5			
90-30-2	201-983-0	N-Phenyl-Naphthylamine	0,1 - < 1 %	
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = 1625 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 3 of 9

### Suitable extinguishing media

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.  
Fire-extinguishing activities according to surrounding.

### Unsuitable extinguishing media

Full water jet

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

Fire may produce:  
Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), phosphorus oxides (PO<sub>x</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

Attention. Hazard of skidding.  
Ensure adequate ventilation.  
Remove persons to safety.

#### For non-emergency personnel

Avoid contact with the skin and the eyes.

#### 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: 0°C - 40°C

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 4 of 9

Protect from heat and direct solar radiation.

### Hints on joint storage

Do not store together with oxidizing agents.

### Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

Lubricant

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

To date, no national critical limit values exist.

### 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:	Yellowish-brown
Odour:	Characteristic

#### Test method

pH-Value: n.a.

#### Changes in the physical state

Melting point/freezing point: n.d.

Boiling point or initial boiling point and boiling range: n.d.

Sublimation point: n.a.

Softening point: n.d.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 5 of 9

Flash point: > 180 °C

### Flammability

Solid/liquid: n.d.

### 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) < 0,0001 hPa

Density (at 25 °C): 0,92 g/cm<sup>3</sup>

Bulk density: n.a.

Water solubility: Soluble

### Solubility in other solvents

n.d.

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

Viscosity / dynamic: 2700 - 4400 mPa·s DIN 51810

Viscosity / kinematic: n.d.

Relative vapour density: n.d.

Evaporation rate: n.a.

Solvent separation test: n.a.

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 strong 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

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 6 of 9

Fire may produce:

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), phosphorus oxides (PO<sub>x</sub>) and nitrogen oxides (NO<sub>x</sub>).

### 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.

ATEmix/oral: > 2000 mg/kg

ATEmix/dermal: > 2000 mg/kg

##### Irritation and corrosivity

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

##### Sensitising effects

Contains N-Phenyl-Naphthylamine. 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 skin may cause irritation.

May cause sensitization of susceptible persons by skin contact.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecological data are not available.

Harmful to aquatic life with long lasting effects.

#### 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.

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

#### 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.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 7 of 9

### 12.7. Other adverse effects

Severe 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

#### List of Wastes Code - used product

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

#### List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; 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)

**14.1. UN 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 class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

**14.1. UN 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 class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

**14.1. UN 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 class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 8 of 9

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

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

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: 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

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):	3 - highly 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 1615430003

Revision date: 03.07.2023

Product code: 00635-0045

Page 9 of 9

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Aquatic Chronic 3; H412	Calculation method

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
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.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains N-Phenyl-Naphthylamine. May produce an allergic reaction.

### 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.

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