

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 1 of 9

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

#### 1.1. Product identifier

GREASE TUBE 3605430004

#### Art.-No.

3605430004

#### 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**

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-1-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**

Mixture containing following substances with additives

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 2 of 9

### Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
92-84-2	Phenothiazine	< 0,5 %
	202-196-5	
	01-2119488529-19	
	Acute Tox. 4, Skin Sens. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H302 H317 H373 H400 H410	
7632-00-0	sodium nitrite	< 0,5 %
	231-555-9	
	007-010-00-4	
	01-2119471863-27	
	Ox. Sol. 3, Acute Tox. 3, Eye Irrit. 2, Aquatic Acute 1; H272 H301 H319 H400	
95-38-5	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	0,1-0,5 %
	202-414-9	
	01-2119777867-13	
	Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H400 H410	
90-30-2	N-phenyl-1-naphthylamine	<0,25 %
	201-983-0	
	01-2119488704-27	
	Acute Tox. 4, Skin Sens. 1, 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	
92-84-2	202-196-5	Phenothiazine	< 0,5 %
		oral: ATE = 500 mg/kg Skin Sens. 1; H317: >= - 100 Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1	
7632-00-0	231-555-9	sodium nitrite	< 0,5 %
		oral: LD50 = 180 mg/kg	
95-38-5	202-414-9	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	0,1-0,5 %
		oral: ATE = 500 mg/kg	
90-30-2	201-983-0	N-phenyl-1-naphthylamine	<0,25 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = 1625 mg/kg	

## 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.  
If eye irritation persists, consult a specialist.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 3 of 9

### 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

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.  
May cause eye or skin irritation with susceptible persons.

### 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

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

#### 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>) 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.

### 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 4 of 9

### 7.1. Precautions for safe handling

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

Handle in accordance with good industrial hygiene and safety practice.

#### **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.  
Protect from heat and direct solar radiation.  
Avoid temperatures above 40°C.

#### **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

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

At work do not eat, drink and smoke.  
Wash hands and skin before breaks and after work.

#### **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:	Light brown
Odour:	Like mineral oil

pH-Value:

#### **Test method**

n.a.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 5 of 9

### Changes in the physical state

Melting point/freezing point:	> 300 °C
Boiling point or initial boiling point and boiling range:	n.d.
Sublimation point:	n.a.
Softening point:	n.d.
Flash point:	> 200 °C ISO 2592

### 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: > 350 °C

### Oxidizing properties

Not oxidising.

Vapour pressure: n.d.

Density (at 20 °C): 0,93 g/cm<sup>3</sup> DIN 51757

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.

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

Decomposition starting from 350°C

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 6 of 9

### **10.5. Incompatible materials**

Strong oxidizing agents

### **10.6. Hazardous decomposition products**

No hazardous decomposition products known.

Fire may produce:

Carbon monoxide (CO), carbon dioxide (CO<sub>2</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: 29310 mg/kg

#### **Irritation and corrosivity**

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

#### **Sensitising effects**

Contains N-phenyl-1-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**

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

May cause eye or skin irritation with susceptible persons.

## **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.

### **12.6. Endocrine disrupting properties**

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 7 of 9

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

Hazardous water pollutant.

### **Further information**

Do not flush into surface water or sanitary sewer system.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Disposal recommendations**

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**

Disposal in accordance with local regulations.

## 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.

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

#### 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.

### 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.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 8 of 9

### 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 75

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):

2 - obviously 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

#### 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)

H272 May intensify fire; oxidiser.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



# BOSCH

## GREASE TUBE 3605430004

Revision date: 04.07.2023

Product code: 00635-0028

Page 9 of 9

H317	May cause an allergic skin reaction.
H319	Causes serious eye 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 N-phenyl-1-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.

### Literature:

Kraume, Zober: Arbeitssicherheit und Gesundheitsschutz in der Schweißtechnik. ("Occupational Safety and Health Protection in Welding")

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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.)*