

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 601(E) Chain Drive Pin & Bushing Lubricant (Bulk)

Revision date: 01.08.2022

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

##### 1.1. Product identifier

601(E) Chain Drive Pin & Bushing Lubricant (Bulk)

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

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

Petroleum base lubricant.

###### Uses advised against

No information available.

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

Company name:	Chesterton International GmbH	
Street:	Am Lenzenfleck 23	
Place:	D-85737 Ismaning GERMANY	
Telephone:	+49 89 99 65 46 - 0	Telefax: +49 89 99 65 46 - 50
e-mail:	eu-sds@chesterton.com	
e-mail (Contact person):	eu-sds@chesterton.com	
Internet:	www.chesterton.com	
Responsible Department:	eu-sds@chesterton.com	

##### 1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

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

##### 2.2. Label elements

##### 2.3. Other hazards

No information available.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
39464-69-2	Oleyl alcohol, ethoxylated, phosphate			<0,5 %
	Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 3; H315 H318 H400 H412			

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

##### Further Information

No information available.

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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### **General information**

Provide fresh air.

###### **After inhalation**

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

###### **After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

###### **After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

###### **After ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let 1 glass of water be drunken in little sips (dilution effect).

Do NOT induce vomiting.

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

Most important symptoms and effects, both acute and delayed: Pneumonia, Pulmonary oedema.

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

First Aid, decontamination, treatment of symptoms.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### **Suitable extinguishing media**

- alcohol resistant foam
- Water spray jet
- Carbon dioxide (CO<sub>2</sub>)
- Dry extinguishing powder

###### **Unsuitable extinguishing media**

Full water jet

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

No information available.

##### 5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.  
Special protective equipment for firefighters Protective clothing.  
In case of fire: Wear self-contained breathing apparatus.

###### **Additional information**

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

#### SECTION 6: Accidental release measures

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

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#### General advice

- Provide adequate ventilation.
- Safe handling: see section 7
- Personal protection equipment: see section 8

#### 6.2. Environmental precautions

- Do not allow to enter into surface water or drains. Cover drains.

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

##### For containment

- 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

- Personal protection equipment: see section 8

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

- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

##### Advice on general occupational hygiene

- Avoid contact with skin, eyes and clothes.
- Wear protective gloves/protective clothing.
- Use only antistatically equipped (spark-free) tools.

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

##### Requirements for storage rooms and vessels

- Keep container tightly closed in a cool, well-ventilated place.
- Protect from direct sunlight.

##### Hints on joint storage

- Keep away from:
  - Food and feedingstuffs

##### Further information on storage conditions

- Keep away from:
  - Frost
  - Heat
  - Humidity

#### 7.3. Specific end use(s)

- No information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

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#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Take action to prevent static discharges.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Suitable eye protection:

Eye glasses with side protection

goggles

##### Hand protection

Tested protective gloves must be worn: EN ISO 374

NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Wearing time with permanent contact: Thickness of the glove material:  $\geq 0,4$  mm, Breakthrough time:  $>480$  min

Wearing time with occasional contact (splashes): Thickness of the glove material:  $\geq 0,1$  mm, Breakthrough time:  $> 30$  min

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.

Breakthrough times and swelling properties of the material must be taken into consideration.

##### Skin protection

Wear suitable protective clothing.

Wear anti-static footwear and clothing

##### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Filtering device (full mask or mouthpiece) with filter: A-P2

##### Thermal hazards

No data available

##### Environmental exposure controls

No special measures are necessary.

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid
Colour:	transparent, amber

#### Changes in the physical state

Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Sublimation point:	No data available
Softening point:	No data available
Pour point:	- 25 °C
Flash point:	144 °C

#### Flammability

Solid/liquid:	No data available
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Gas: No data available

#### Explosive properties

No information available.

Lower explosion limits: No data available

Upper explosion limits: No data available

Auto-ignition temperature: No data available

#### Self-ignition temperature

Solid: No data available

Gas: No data available

Decomposition temperature: No data available

pH-Value: not applicable

Viscosity / dynamic: 25 - 35 mPa·s

Viscosity / kinematic: No data available

Water solubility: slightly soluble

#### Solubility in other solvents

No information available.

Partition coefficient n-octanol/water: No data available

Vapour pressure: No data available

Density: 0,870 - 0,920 g/cm<sup>3</sup>

### 9.2. Other information

#### Information with regard to physical hazard classes

Oxidizing properties

No information available.

#### Other safety characteristics

#### Further Information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

### 10.2. Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

This material is considered to be non-reactive under normal use conditions.

### 10.4. Conditions to avoid

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

### 10.5. Incompatible materials

- Strong acid
- Strong alkali

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- Oxidising agent

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

- Nitrogen oxides (NO<sub>x</sub>)
- Carbon dioxide (CO<sub>2</sub>)
- Carbon monoxide

### **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.

##### **Irritation and corrosivity**

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

##### **Sensitising effects**

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

##### **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.

#### **11.2. Information on other hazards**

##### **Endocrine disrupting properties**

No data available

### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

No data available

#### **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 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**

No data available

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#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

###### Disposal recommendations

Dispose of waste according to applicable legislation.

###### Contaminated packaging

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of.

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 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 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 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 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 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 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 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 information available.

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

No information available.

#### SECTION 15: Regulatory information

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

###### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

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#### **15.2. Chemical safety assessment**

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

#### **SECTION 16: Other information**

##### **Changes**

This data sheet contains changes from the previous version in section(s): 6,8,9.

##### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
(Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
EC50: Effect concentration, 50 percent  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

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

H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

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