

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** TURMOGREASE P 1001 BDY plus  
**Revision date :** 02.01.2014  
**Date of print :** 02.01.2014

**Version :** 1.0.0

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

### 1.1 Product identifier

TURMOGREASE P 1001 BDY plus

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

**Relevant identified uses**

Lubricants, greases, release products

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

**Supplier (manufacturer/importer/only representative/downstream user/distributor)**

Lubricant Consult GmbH

**Street :** Gutenbergstraße 13

**Postal code/city :** 63477 MAINTAL

**Telephone :** 06109/7650-0

**Telefax :** 06109/7650-51

### 1.4 Emergency Telephone Number

06109/7650-0

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Directive 67/548/EEC or 1999/45/EC**

None

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

None

### 2.2 Label elements

**Labelling (67/548/EEC or 1999/45/EC)**

**Special provisions concerning the labelling of certain mixtures**

101 Safety data sheet available for professional user on request.

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Special rules for supplemental label elements for certain mixtures**

EUH210 Safety data sheet available on request.

### 2.3 Other hazards

None

## SECTION 3: Composition/ information on ingredients

### 3.2 Mixtures

**Hazardous ingredients**

2-Ethylhexyl zincdithiophosphate ; EC No : 224-235-5; CAS No. : 4259-15-8

Weight fraction : 1 - 2,5 %

Classification 67/548/EEC : N ; R51/53 Xi ; R36

Classification 1271/2008 [CLP] : Eye Irrit. 2 ; H319 Aquatic Chronic 2 ; H411

**Additional information**

Full text of R-, H- and EUH-phrases: see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. In case of respiratory tract irritation, consult a physician.

##### In case of skin contact

Remove contaminated, saturated clothing immediately. Wash immediately with: Water and soap. In case of skin irritation, consult a physician.

##### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

##### After ingestion

Let water be drunk in little sips (dilution effect). When in doubt or if symptoms are observed, get medical advice.

#### 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

None

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

ABC-powder BC-powder Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Dry sand

##### Unsuitable extinguishing media

Water Strong water jet. High power water jet.

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

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Gases/vapours, corrosive. Pyrolysis products, toxic, containing fluorine. Hydrofluoric acid. Burning produces heavy smoke.

#### 5.3 Advice for firefighters

Use suitable breathing apparatus.

#### 5.4 Additional information

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

### SECTION 6: Accidental release measures

Special danger of slipping by leaking/spilling product.

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

None

#### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Ensure waste is collected and contained. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

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

Take up mechanically, placing in appropriate containers for disposal. Soak up inert absorbent and dispose as waste requiring special attention. Suitable material for taking up: Universal binder Kieselguhr.

#### 6.4 Reference to other sections

None

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## SECTION 7: Handling and storage



### 7.1 Precautions for safe handling

#### Protective measures

It is recommended to design all work processes always so that the following is excluded: Generation/formation of mist  
Avoid: Inhalation of vapours or spray/mists Skin contact Eye contact.

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

#### Hints on joint storage

Storage class : 13

Storage class (TRGS 510) : 11

#### Keep away from

Food and feedingstuffs

#### Further information on storage conditions

Keep/Store only in original container. Keep container tightly closed. Protect against UV-radiation/sunlight. Humidity.  
Contact with air/oxygen. Dust deposits

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work. Take the precautions customary when handling chemicals. Change contaminated, saturated clothing. Keep away from sources of ignition. - No smoking.

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye / face protection

Eye protection: not applicable. Avoid: Eye contact.

##### Skin protection

###### Hand protection

Hand protection is not required

**By long-term hand contact** : Wear suitable gloves.

**Suitable material** : NBR (Nitrile rubber). Butyl caoutchouc (butyl rubber).

##### Respiratory protection

No special measures are necessary. Avoid: Inhalation of vapours or spray/mists

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Colour** : light yellow

#### Safety relevant basis data

**Physical state** :

pasty

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<b>Boiling temperature / range :</b>	( 1013 hPa )	>	300 °C
<b>Decomposition temperature :</b>	( 1013 hPa )	>	200 °C
<b>Flash point :</b>	( 1013 hPa )	>	200 °C
<b>Vapour pressure :</b>	( 50 °C )	<	0,1 hPa
<b>Density :</b>	( 20 °C )	=	0,97 g/cm <sup>3</sup>

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

No information available.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

Oxidising agent, strong.

### 10.6 Hazardous decomposition products

Carbon monoxide. Pyrolysis products, containing fluorine. Hydrofluoric acid. carbon black. Gases/vapours, harmful.  
Pyrolysis products, toxic, containing fluorine. Hydrofluoric acid.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

By analogy.

#### Acute effects

##### Acute oral toxicity

Parameter :	LD50
Exposure route :	Oral
Species :	Rat
Effective dose :	> 3000 mg/kg

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

Not readily biodegradable (according to OECD criteria).

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Other adverse effects

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No information available.

## 12.7 Further ecological information

None

## 12.8 Overall evaluation

If product enters soil, it will be mobile and may contaminate groundwater. In accordance with the required stability the product is poorly biodegradable.

## SECTION 13: Disposal considerations

Dispose according to legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

### 13.1 Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations. Collect the waste separately. Evidence for disposal must be provided.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous goods in sense of this transport regulation.

### 14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

### 14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

### 14.4 Packing group

No dangerous goods in sense of this transport regulation.

### 14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

#### National regulations

#### Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

### 15.2 Chemical safety assessment

No information available.

## SECTION 16: Other information

### 16.1 Indication of changes

None

### 16.2 Abbreviations and acronyms

None

### 16.3 Key literature references and sources for data

None

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## 16.4 Relevant R-, H- and EUH-phrases (Number and full text)

H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.
36	Irritating to eyes.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 16.5 Training advice

None

## 16.6 Additional information

None

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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