

Tribol GR 400-2 PD

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Issue date: 08/05/2023

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SECTION 1: Identification

1.1 Product identifier

Trade name	Tribol GR 400-2 PD
Product form	Mixture
Product code	BU ETA

1.2 Other means of identification

No additional information available

1.3 Recommended use of the chemical and restrictions on use

Recommended uses and restrictions	For professional use only
Recommended use	Lubricants, Greases and Release Products
Restrictions on use	For professional use only

1.4 Details of manufacturer or importer

Supplier

Hilti (New Zealand) Ltd.
Level 1, Building B 600 South Road Ellerslie
Auckland 1051
New Zealand
T +64 9 571 9995
800 444 584 toll free - F +64 9526 7780
servicenz@hilti.com

Department issuing data specification sheet

Hilti Entwicklungsgesellschaft mbH
Hiltistraße 6
Kaufering 86916
Deutschland
T +49 8191 906876
anchor.hse@hilti.com

Manufacturer

Castrol Germany GmbH
Überseeallee 1
20457 Hamburg
Germany

1.5. Emergency phone number

Emergency number	GBK GmbH Global Regulatory Compliance +49 (0)6132-84463
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SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

2.2. GHS Label elements, including precautionary statements

GHS NZ labelling

Contains	2,6-di-tert-butyl-4-nonylphenol (0.1 – 1 %)
Hazard statements (GHS NZ)	H412 - Harmful to aquatic life with long lasting effects
Prevention	P273 - Avoid release to the environment.
Disposal	P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

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SECTION 3: Composition and information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc.	Classification according to GHS NZ
2,6-di-tert-butyl-4-nonylphenol	CAS-No.: 4306-88-1	0.1 – 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	First aider: Pay attention to self-protection!.
First-aid measures after inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash with soap and water. Remove all contaminated clothing and footwear. If case of redness or irritation, call a doctor.
First-aid measures after eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	None under normal use.
Symptoms/effects after skin contact	Repeated dermal contact with material can lead to defatting of the skin.
Symptoms/effects after eye contact	None under normal conditions.
Symptoms/effects after ingestion	None under normal conditions.

4.3. Medical attention and special treatment

Other medical advice or treatment	High pressure injection of product under the skin can have very serious consequences even without apparent symptoms or injuries.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam, powder.
Unsuitable extinguishing media	Warning: water promotes the spread of fire.

5.2. Specific hazards arising from the chemical

Fire hazard	No fire hazard.
General measures	Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.
Hazardous decomposition products in case of fire	Carbon oxides (CO, CO ₂). Metallic oxides.

5.3. Special protective equipment and precautions for fire-fighters

Other information	Do not allow run-off from fire fighting to enter drains or water courses.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.
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6.1.1. For non-emergency personnel

Emergency procedures	If spilled, may cause the floor to be slippery.
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6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Avoid contact with skin, eyes and clothing.

Hygiene measures

Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Opened containers must be carefully closed and kept upright to avoid leakage.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

Exposure limit values for the other components

No additional information available

8.2. Monitoring methods

No additional information available

8.3. Engineering controls

No additional information available

8.4. Individual protection measures, such as personal protective equipment (PPE)

No additional information available

SECTION 9: Physical and chemical properties

Physical state	Solid
Appearance	No data available
Colour	brown
Odour	No data available
Odour threshold	No additional information available
pH	No additional information available
Evaporation rate	No additional information available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	No additional information available
Boiling point	No data available
Flash point	268 °C
Auto-ignition temperature	No data available
Flammability	No additional information available
Vapour pressure	No additional information available
Relative density	No additional information available
Density	Density: < 1 g/cm ³
Solubility	Not soluble in water alone.
Partition coefficient n-octanol/water (Log Pow)	No data available

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Viscosity, dynamic	No data available
Explosive properties	No data available
Explosive limits	No additional information available
Minimum ignition energy	No data available

SECTION 10: Stability and reactivity

Reactivity	No additional information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	Oxidizing materials.
Hazardous decomposition products	No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Toxicity

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Harmful to aquatic life with long lasting effects.
Soil toxicity	Not classified
Terrestrial vertebrate toxicity	Not classified
Terrestrial invertebrate toxicity	Not classified

12.2. Persistence and degradability

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Persistence and degradability	No additional information available

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2,6-di-tert-butyl-4-nonylphenol (4306-88-1)

Not rapidly degradable

12.3. Bioaccumulative potential

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Bioaccumulative potential

No additional information available

12.4. Mobility in soil

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Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone

Not classified

Other adverse effects

No additional information available

SECTION 13: Disposal considerations

No additional information available

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

ADR	IMDG	IATA	RID
14.1. UN number or ID number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

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Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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Full text of H-statements	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
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

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.