

Hilti Grease 50 ml

Safety Data Sheet

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

Date of issue: 19/03/2018

Revision date: 19/03/2018

Supersedes: 01/11/2014

Version: 1.1

SECTION 1: Identification of the hazardous chemical and of the supplier

Product identifier

Product name Hilti Grease 50 ml
Product code BU ET&A



Other means of identification

No additional information available

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

Recommended use Special lubricant for insert tool connection end

Supplier's details

Supplier

Hilti (New Zealand) Ltd.
525 Great South Road
1050 Penrose
P.O. Box 112-030 Penrose
1061 Auckland - 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
86916 Kaufering - Deutschland
T +49 8191 906310 - F +49 8191 90176310
anchor.hse@hilti.com

Emergency number

Schweizerisches Toxikologisches Informationszentrum – 24h Service
+41 44 251 51 51 (international)
+64 9 571 9995
; 800 444 584 toll free

Country	Organisation/Company	Address	Emergency number
New Zealand	National Poisons Centre		0800 623 000

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified as a hazardous chemical

2.2. Label elements

2.3. Other hazards not contributing to the classification

No additional information available

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SECTION 3: Composition and information of the ingredients of the hazardous chemical

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Gently wash with plenty of soap and water.
First-aid measures after eye contact	Rinse eyes with water as a precaution.
First-aid measures after ingestion	Do not induce vomiting.

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

No additional information available

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Carbon dioxide. Dry powder. Foam. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.1.1. For non-emergency personnel

Emergency procedures	Ventilate spillage area.
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6.1.2. For emergency responders

Protective equipment	Use personal protective equipment as required. Equip cleanup crew with proper protection.
Emergency procedures	Ventilate area.

6.2. Environmental precautions

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Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage. Mechanically recover the product.

SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

Hygiene measures Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures Does not require any specific or particular technical measures.
Storage conditions Store in original container.
Storage temperature 5 - 25 °C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

Exposure limit values for the other components

No additional information available

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

No additional information available

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

No additional information available

Skin and body protection Wear suitable protective clothing
Consumer exposure controls Avoid contact during pregnancy/while nursing.

SECTION 9: Physical and chemical properties

Physical state	Solid
Appearance	Pasty.
Colour	amber
Odour	slight
Odour threshold	No data available
pH	No data available
Evaporation rate	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	No data available
Boiling point	> 300 °C
Flash point	≈ 250 °C
Auto-ignition temperature	> 300

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Flammability (solid, gas)	No data available
Vapour pressure	Vapour pressure : < 0.1 mbar
Relative density	No data available
Density	Density : 0.95 g/cm ³
Solubility	insoluble in water.
Log Pow	No data available
Viscosity	Viscosity, kinematic : 130 mm ² /s (40 °C)
Explosive properties	No data available
Explosive limits	No data available
Minimum ignition energy	No data available
VOC content	0 mg/l

SECTION 10: Stability and reactivity

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No additional information available.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Hazardous decomposition products	fume. Carbon monoxide. Carbon dioxide. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

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Viscosity, kinematic (calculated value) (40 °C)	130 mm ² /s (40 °C)

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity	Not classified
Chronic aquatic toxicity	Not classified
Soil toxicity	Not classified
Terrestrial vertebrate toxicity	Not classified
Terrestrial invertebrate toxicity	Not classified

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12.2. Persistence and degradability

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Persistence and degradability	No additional information available
Biodegradation	> 70 % (21 d; OECD method 301)

12.3. Bioaccumulative potential

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Bioaccumulative potential	

12.4. Mobility in soil

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Mobility in soil	No additional information available

12.5. Other adverse effects

Ozone	Not classified
GWPmix comment	No known effects from this product.
Other adverse effects	No additional information available

SECTION 13: Disposal considerations

Product/Packaging disposal recommendations	Dispose of contents/container to Avoid release to the environment, Refer to manufacturer/supplier for information on recovery/recycling.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IATA / IMDG / RID

Other information: No supplementary information available

ADR Regulatory status: Not regulated
 IMDG Regulatory status: Not regulated
 IATA Regulatory status: Not regulated
 RID Regulatory status: Not regulated

ADR	IMDG	IATA	RID
14.1. UN number			
Not regulated for transport			
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
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available			

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14.6. Special precautions for user

- Overland transport

- Transport by sea

No data available

- Air transport

No data available

- Rail transport

Carriage prohibited (RID) No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

No additional information available

15.2. 15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

SDS Major/Minor	None
Date of issue	19/03/2018
Revision date	19/03/2018
Supersedes	01/11/20140

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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