

Hilti Grease

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| en | This safety data sheet file is issued for the following production lots: 1. Version 1.X / 2.X is valid for Hilti Grease with material number 1035006 (see imprint on packaging) 2. Version 3.0 is valid for Hilti Grease with material number 1038640 (see imprint on packaging) |
| de | Diese Sicherheitsdatenblatt-Datei betrifft die folgenden Fertigungslose: 1. Version 1.X / 2.X ist gültig für Hilti Grease mit der Materialnummer 1035006 (siehe Aufdruck auf Verpackung) 2. Version 3.0 ist gültig für Hilti Grease mit der Materialnummer 1038640 (siehe Aufdruck auf Verpackung) |
| nl | Dit veiligheidsinformatiebladbestand wordt afgegeven voor de volgende productie-lots: 1. Versie 1.X / 2.X is geldig voor Hilti Grease met het materiaalnummer 1035006 (zie opdruk op verpakking) 2. Versie 3.0 is geldig voor Hilti Grease met het materiaalnummer 1038640 (zie opdruk op verpakking) |
| fr | Ce fichier de données de sécurité est délivré pour les lots de production suivants : 1. La version 1.X / 2.X est valide pour Hilti Grease avec le numéro de matériau 1035006 (voir l'impression sur l'emballage) 2. La version 3.0 est valide pour Hilti Grease avec le numéro de matériau 1038640 (voir l'impression sur l'emballage) |
| da | Denne sikkerhedsdatabladstil er udgivet for følgende produktions lots: 1. Version 1.X / 2.X er gældende for Hilti Grease med materialenummeret 1035006 (se aftryk på emballagen) 2. Version 3.0 er gældende for Hilti Grease med materialenummeret 1038640 (se aftryk på emballagen) |
| sv | Denna säkerhetsdatabladstil har utfärdats för följande tillverkningspartier: 1. Version 1.X / 2.X är giltig för Hilti Grease med materialnummer 1035006 (se avtryck på förpackningen) 2. Version 3.0 är giltig för Hilti Grease med materialnummer 1038640 (se avtryck på förpackningen) |
| fi | Tämä käyttöturvallisuustiedote koskee seuraavia tuotantoeriä: 1. Versio 1.X / 2.X on voimassa Hilti Grease -rasvalle, jonka materiaalinumero on 1035006 (ks. painatus pakkauksessa) 2. Versio 3.0 on voimassa Hilti Grease -rasvalle, jonka materiaalinumero on 1038640 ks. painatus pakkauksessa) |
| hu | Ezt a biztonsági adatlapot a következő gyártási tételekhez bocsátják ki: 1. Az 1.X / 2.X verzió a Hilti Grease 1035006 anyagszámú zsiradékra érvényes (lásd a csomagoláson lévő lenyomatot) 2. A 3.X verzió a Hilti Grease 1038640 anyagszámú zsiradékra érvényes (lásd a csomagoláson lévő lenyomatot) |
| es | Este archivo de ficha de datos de seguridad se emite para los siguientes lotes de producción: 1. La versión 1.X / 2.X válida para Hilti Grease con el número de material 1035006 (véase el texto impreso en el embalaje) 2. La versión 3.0 válida para Hilti Grease con el número de material 1038640 (véase el texto impreso en el embalaje) |
| pt | Este ficheiro com ficha de dados de segurança é emitido para os seguintes lotes de produção: 1. A versão 1.X / 2.X é válida para a Hilti Grease com o número de material 1035006 (ver impressão na embalagem) 2. A versão 3.0 é válida para a Hilti Grease com o número de material 1038640 (ver impressão na embalagem) |
| it | Questo file della scheda di dati di sicurezza è rilasciato per i seguenti lotti di produzione: 1. La versione 1.X / 2.X è valida per Hilti Grease con il numero di materiale 1035006 (vedere l'impronta sulla confezione) 2. La versione 3.0 è valida per Hilti Grease con il numero di materiale 1038640 (vedere l'impronta sulla confezione) |
| pl | Ten plik arkusza danych bezpieczeństwa jest wydany dla następujących części produkcyjnych: 1. Wersja 1.X / 2.X dotyczy Hilti Grease o numerze materiału 1035006 (patrz nadruk na opakowaniu) 2. Wersja 3.0 dotyczy Hilti Grease o numerze materiału 1038640 (patrz nadruk na opakowaniu) |
| ru | Этот файл сертификата безопасности предоставлен для следующих партий продукции: 1. Версия 1.X / 2.X действительна для Hilti Grease с номером материала 1035006 (см. оттиск на упаковке) 2. Версия 3.0 действительна для Hilti Grease с номером материала 1038640 (см. оттиск на упаковке) |
| el | Το παρόν δελτίο δεδομένων ασφαλείας εκδίδεται για τις ακόλουθες παρτίδες παραγωγής: 1. Η έκδοση 1.X / 2.X ισχύει για το Hilti Grease με αριθμό υλικού 1035006 (βλ. αποτύπωμα στη συσκευασία) 2. Η έκδοση 3.0 ισχύει για το Hilti Grease με αριθμό υλικού 1038640 (βλ. αποτύπωμα στη συσκευασία) |
| cs | Tento soubor s bezpečnostním listem je vystaven pro následující výrobní šarže 1. Verze 1.X / 2.X platí pro Hilti Grease s číslem materiálu 1035006 (viz potisk na obalu) 2. Verze 3.0 platí pro Hilti Grease s číslem materiálu 1038640 (viz potisk na obalu) |
| bg | Този файл с информационен лист за безопасност се издава за следните производствени партии: 1. Версия 1.X / 2.X е валидна за Hilti Grease с номер на материала 1035006 (виж отпечатъка върху опаковката) 2. Версия 3.0 е валидна за Hilti Grease с номер на материала 1038640 (виж отпечатъка върху опаковката) |
| lv | Šo drošības datu lapa ir izsniegta šādām ražojumu partijām: 1. Versija 1.X / 2.X ir derīga Hilti Grease ar materiāla numuru 1035006 (skatīt nospiedumu uz iepakojuma) 2. Versija 3.0 ir derīga Hilti Grease ar materiāla numuru 1038640 (skatīt nospiedumu uz iepakojuma) |
| lt | Šis saugos duomenų lapo failas išduodamas šioms gamybos partijoms: 1. Versija 1.X / 2.X galioja Hilti Grease su medžiagos numeriu 1035006 (žr. įspaudą ant pakuotės) 2. Versija 3.0 versija galioja Hilti Grease su medžiagos numeriu 1038640 (žr. įspaudą ant pakuotės) |
| sk | Táto karta bezpečnostných údajov sa vydáva pre tieto výrobné dávky: 1. Verzia 1.X / 2.X platí pre Hilti Grease s číslom materiálu 1035006 (pozri potlač na obale) 2. Verzia 3.0 platí pre Hilti Grease s číslom materiálu 1038640 (pozri potlač na obale) |
| sl | Datoteka z varnostnim listom je izdana za naslednje proizvodne serije: 1. Različica 1.X / 2.X velja za Hilti Grease s številko materiala 1035006 (glej odtis na embalaži) 2. Različica 3.0 velja za Hilti Grease s številko materiala 1038640 (glej odtis na embalaži) |
| et | See ohutuskaardi fail on välja antud järgmistele tootepartidele: 1. Versioon 1.X / 2.X kehtib Hilti Grease jaoks, mille materjalinumbr on 1035006 (vt trükki pakendil) 2. Versioon 3.0 kehtib Hilti Grease jaoks, mille materjalinumbr on 1038640 (vt trükki pakendil) |

Hilti Grease

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| ro | Această fișă cu date de securitate este emisă pentru următoarele loturi de producție: 1. Versiunea 1.X / 2.X este valabilă pentru Hilti Grease cu numărul de material 1035006 (a se vedea amprenta de pe ambalaj) 2. Versiunea 3.0 este valabilă pentru Hilti Grease cu numărul de material 1038640 (a se vedea amprenta de pe ambalaj) |
| hr | Ovaj sigurnosno-tehnički list izdaje se za sljedeće proizvodne serije: 1. Verzija 1.X / 2.X vrijedi za Hilti Grease s brojem materijala 1035006 (vidi otisak na pakiranju) 2. Verzija 3.0 vrijedi za Hilti Grease s brojem materijala 1038640 (vidi otisak na pakiranju) |
| tr | Bu güvenlik bilgi formu dosyası aşağıdaki üretim lotları için düzenlenmiştir: 1. Sürüm 1.X / 2.X, 1035006 malzeme numaralı Hilti Grease için geçerlidir (ambalaj üzerindeki baskıya bakınız) 2. Sürüm 3.0, 1038640 malzeme numaralı Hilti Grease için geçerlidir (ambalaj üzerindeki baskıya bakınız) |
| uk | Цей файл паспорта безпеки видається для наступних партій продукції: 1. Версія 1.X / 2.X дійсна для Hilti Grease з номером матеріалу 1035006 (див. відбиток на упаковці) 2. Версія 3.0 дійсна для Hilti Grease з номером матеріалу 1038640 (див. відбиток на упаковці) |
| zh | 本安全数据表文件针对以下生产批次发布： 1. 版本 1.X / 2.X 对 Hilti Grease 有效，材料编号为 1035006（见包装上的印记） 2. 版本 3.0 对 Hilti Grease 有效，材料编号为 1038640（见包装上的印记） |
| ar | يتم إصدار ملف صحيفة بيانات السلامة لتشغيلات الإنتاج التالية: 1. الإصدار 1.X / 2.X صالح لـ Hilti Grease مع رقم المادة 1035006 (انظر البصمة على العبوة) 2. الإصدار 3.0 صالح لـ Hilti Grease مع رقم المادة 1038640 (انظر البصمة على العبوة) |
| ja | この安全性データシートファイルは、次の生産ロット用に発行されています： 1. バージョン 1.X / 2.X は、材料番号 1035006 の Hilti Grease に対して有効です（パッケージの刻印を参照） 2. バージョン 3.0 は、材料番号1038640 の Hilti Grease に対して有効です（パッケージの刻印を参照） |
| sr | Datoteka bezbednosnog lista se izdaje za sledeće proizvodne serije: 1. Verzija 1.X / 2.X važi za Hilti Grease sa brojem materijala 1035006 (pogledajte otisak na pakovanju) 2. Verzija 3.0 važi za Hilti Grease sa brojem materijala 1038640 (pogledajte otisak na pakovanju) |
| ms | Fail helaian data keselamatan ini dikeluarkan untuk lot pengeluaran yang berikut: 1. Versi 1.X / 2.X sah untuk Hilti Grease dengan nombor bahan 1035006 (lihat cetakan pada pembungkusan) 2. Versi 3.0 sah untuk Hilti Grease dengan nombor bahan 1038640 (lihat cetakan pada pembungkusan) |
| ko | 본 안전보건자료는 다음 제품 로트에 대해 발급되었습니다. 1. 버전 1.X / 2.X 는재료 번호1035006 의 Hilti Grease에 유효합니다 (포장의 각인 참조) 2. 버전 3.0 는재료 번호1038640 의 Hilti Grease에 대해 유효합니다 (포장의 각인 참조) |
| id | File lembar data keselamatan ini diterbitkan untuk lot produksi berikut: 1. Versi 1.X / 2.X berlaku untuk Hilti Grease dengan nomor material 1035006 (lihat cetakan pada kemasan) 2. Versi 3.0 berlaku untuk Hilti Grease dengan nomor material 1038640 (lihat cetakan pada kemasan) |
| he | קובץ גיליון נתוני בטיחות זה מונפק עבור מגרשי הייצור הבאים: 1. גרסה 1.X תקפה ל-Hilti Grease עם מספר חומר 1035006 (ראה טביעה על האריזה) 2. גרסה 2.0 תקפה ל-Hilti Grease עם מספר חומר 1038640 (ראה טביעה על האריזה) |
| th | แผนข้อมูลด้านความปลอดภัยนี้จัดทำสำหรับล็อตการผลิตดังต่อไปนี้: 1. เวอร์ชัน 1.X / 2.X ใช้ได้กับ Hilti Grease ที่มีหมายเลขวัสดุ 1035006 (ดูข้อมูลบนบรรจุภัณฑ์) 2. เวอร์ชัน 3.0 ใช้ได้กับ Hilti Grease ที่มีหมายเลขวัสดุ 1038640 (ดูข้อมูลบนบรรจุภัณฑ์) |
| vi | Tệp bảng dữ liệu an toàn này được phát hành cho các lô sản xuất sau: 1. Phiên bản 1.X / 2.X hợp lệ cho Hilti Grease với số vật liệu 1035006 (xem dấu in trên bao bì) 2. Phiên bản 3.0 hợp lệ cho Hilti Grease với số vật liệu 1038640 (xem dấu in trên bao bì) |
| zh tw | 本安全資料表文件針對下列生產批次發行： 1. 版本 1.X / 2.X 適用於喜利得 Hilti Grease，材料編號 1035006（請參閱包裝上的印記） 2. 版本 3.0 適用於喜利得 Hilti Grease，材料編號 1038640（請參閱包裝上的印記） |
| kk | Бұл қауіпсіздік паспорты мына өндірістік партиялар үшін шығарылады: 1. 1.X / 2.X нұсқасы 1035006 материал нөмірі бар Hilti Grease шін жарамды (қаптамадағы ізді қараңыз) 2. 3.0 нұсқасы 1038640 материал нөмірі бар Hilti Grease шін жарамды (қаптамадағы ізді қараңыз) |

Hilti Grease

Product Safety Information Sheet

A safety data sheet is not required for this product. This Product Safety Information Sheet has been created on a voluntary basis

Issue date: 09/12/2022

Revision date: 09/12/2022

Supersedes: 05/07/2019

Version: 2.0

SECTION 1: Product identifier

1.1. GHS Product identifier

| | |
|--------------|--------------|
| Product form | Mixture |
| Trade name | Hilti Grease |
| Product code | BU ET&A |

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use Special lubricant for insert tool connection end

1.4. Details of manufacturer or importer

Supplier

Hilti (Aust.) Pty. Ltd.
Level 5, 1G Homebush Bay Drive
P.O. Box 3217
Rhodes NSW 2138
Australia
T +61 131 292 - F +61 1300 135 042
serviceaustralia@hilti.com

Department issuing data specification sheet:

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

1.5. Emergency phone number

Emergency number Schweizerisches Toxikologisches Informationszentrum – 24h Service
+41 44 251 51 51 (international)
+61 2 8748 1000

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not classified

2.2. GHS Label elements, including precautionary statements

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

| Name | CAS-No. | % | Classification according to the model Work Health and Safety Regulations (WHS Regulations) |
|--|-----------|---------|--|
| molybdenum(IV) sulfide | 1317-33-5 | 2.5 – 5 | Acute Tox. 4 (Inhalation:dust,mist), H332 |
| Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) | 4259-15-8 | 1 – 2.5 | Acute Tox. 5 (Oral), H303 Eye Irrit. 2A, H319 Aquatic Chronic 2, H411 |

Hilti Grease

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SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | Take off immediately all contaminated clothing. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | Wash contaminated clothing before reuse. Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion | Rinse mouth. Get medical advice/attention. Do not induce vomiting. Obtain emergency medical attention. |

4.2. Symptoms caused by exposure

| | |
|------------------|---------------------------|
| Symptoms/effects | No information available. |
|------------------|---------------------------|

4.3. Medical attention and special treatment

| | |
|-----------------------------------|---|
| Other medical advice or treatment | Treat symptomatically. Symptoms may be delayed. |
|-----------------------------------|---|

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

No additional information available

5.2. Specific hazards arising from the chemical

| | |
|------------------|---|
| General measures | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Evacuate area. |
|------------------|---|

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 | Self-contained breathing apparatus. 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

| | |
|------------------|---|
| General measures | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Evacuate area. |
|------------------|---|

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

| | |
|----------------------|---|
| Protective equipment | Use personal protective equipment as required. Equip cleanup crew with proper protection. |
| Emergency procedures | Ventilate area. Stop leak if safe to do so. |

6.2. Environmental precautions

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

6.3. Methods and materials for containment and cleaning up

No additional information available

Hilti Grease

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Wear personal protective equipment. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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

Store tightly closed in a dry and cool place. Does not require any specific or particular technical measures.

Storage conditions

Store in original container.

Incompatible materials

Strong oxidizing agents. Pyrophoric or self-heating substances.

Storage temperature

5 – 25 °C

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

| Hilti Grease | |
|--|--|
| Australia - Occupational Exposure Limits | |
| Local name | Calcium sulphate (Gypsum; Plaster of Paris) |
| OES TWA [1] | 10 mg/m ³ |
| Remark (AU) | (a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica. |
| Regulatory reference | Workplace exposure standards for airborne contaminants (2019) |

8.2. Biological Monitoring

No additional information available

8.3. Engineering controls

No additional information available

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

Personal protective equipment

Handling and storage of this material do not require special precaution.

Skin and body protection

Not required

Consumer exposure controls

Avoid contact during pregnancy/while nursing.

Other information

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

Physical state

Solid

Appearance

Pasty.

Colour

Black

Odour

There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.

Mixture contains one or more component(s) which have the following odour:

Odourless odourless Almost odourless Pleasant odour Floral odour Mild odour Vinegar odour

Odour threshold

No data available

pH

No data available

pH solution

No data available

Relative evaporation rate (butylacetate=1)

No data available

Melting point / Freezing point

No data available

Boiling point

No data available

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| | |
|---|-----------------------------------|
| Flash point | > 210 °C |
| Auto-ignition temperature | > 300 °C |
| Flammability | No data available |
| Vapour pressure | Vapour pressure: < 0.1 mbar |
| Relative density | No data available |
| Density | Density: ≈ 1.06 g/cm ³ |
| Solubility | insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | No data available |
| Explosive properties | No data available |
| Explosive limits | No data available |
| Minimum ignition energy | No data available |
| VOC content | ≈ 0 mg/l |
| Fat solubility | No data available |

SECTION 10: Stability and reactivity

| | |
|------------------------------------|--|
| Reactivity | No additional information available |
| Chemical stability | No additional information available |
| Possibility of hazardous reactions | No additional information available. |
| Conditions to avoid | Direct sunlight. Extremely high or low temperatures. |
| Incompatible materials | Oxidizing agent. Pyrophoric or self-heating substances. |
| Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

SECTION 11: Toxicological information

| | |
|-----------------------------|----------------|
| Acute toxicity (oral) | Not classified |
| Acute toxicity (dermal) | Not classified |
| Acute toxicity (inhalation) | Not classified |

| molybdenum(IV) sulfide (1317-33-5) | |
|---|--------------------------|
| LD50 oral rat | > 6000 mg/kg (Rat, Oral) |
| LD50 oral | 6000 mg/kg |
| LD50 dermal | 2500 mg/kg |
| Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) (4259-15-8) | |
| LD50 oral rat | 3100 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |

| | |
|-----------------------------------|----------------|
| 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

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

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12.1. Ecotoxicity

| | |
|---|----------------|
| Hazardous to the aquatic environment, short-term (acute) | Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | Not classified |
| Not rapidly degradable | |

12.2. Persistence and degradability

| | |
|---|-----------------------------------|
| Hilti Grease | |
| Not rapidly degradable | |
| molybdenum(IV) sulfide (1317-33-5) | |
| Not rapidly degradable | |
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |

12.3. Bioaccumulative potential

| | |
|---|------------------------------------|
| molybdenum(IV) sulfide (1317-33-5) | |
| Bioaccumulative potential | No bioaccumulation data available. |

12.4. Mobility in soil

| | |
|---|------------------------|
| molybdenum(IV) sulfide (1317-33-5) | |
| Ecology - soil | Adsorbs into the soil. |

12.5. Other adverse effects

| | |
|-----------------------|-------------------------------------|
| Ozone | Not classified |
| Other adverse effects | No additional information available |

SECTION 13: Disposal considerations

| | |
|---------------------------|---|
| Waste treatment methods | Dispose in a safe manner in accordance with local/national regulations. |
| Ecology - waste materials | Avoid release to the environment. |

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

| ADR | IMDG | IATA | RID |
|---|---------------|---------------|---------------|
| 14.1. UN number or ID number | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.2. UN proper shipping name | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard class(es) | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |

Hilti Grease

Product Safety Information Sheet

A safety data sheet is not required for this product. This Product Safety Information Sheet has been created on a voluntary basis

| ADR | IMDG | IATA | RID |
|--|------|------|-----|
| No supplementary information available | | | |

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Rail transport

Not regulated

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. International agreements

No additional information available

SECTION 16: Other information

A safety data sheet is not required for this product. This Product Safety Information Sheet has been created on a voluntary basis

| Indication of changes | | | |
|-----------------------|---------------|----------|----------|
| Section | Changed item | Change | Comments |
| | Revision date | Modified | |

Revision date

09/12/2022

| Classification | |
|----------------|--|
| Not classified | |

| Full text of H-statements | |
|-------------------------------------|---|
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 5 (Oral) | Acute toxicity (oral), Category 5 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Eye Irrit. 2A | Serious eye damage/eye irritation, Category 2A |
| H303 | May be harmful if swallowed |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H411 | Toxic to aquatic life with long lasting effects |



Hilti Grease

Product Safety Information Sheet

A safety data sheet is not required for this product. This Product Safety Information Sheet has been created on a voluntary basis

SDS_AU_Hilti

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.

Hilti Grease

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Issue date: 28/01/2025

Revision date: 28/01/2025

Supersedes: 09/12/2022

Version: 3.0

SECTION 1: Product identifier

1.1. GHS Product identifier

| | |
|--------------|--------------|
| Product form | Mixture |
| Trade name | Hilti Grease |
| Product code | BU ET&A |

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

| | |
|---------------------|--|
| Recommended use | Special lubricant for insert tool connection end |
| Restrictions on use | For professional use only |

1.4. Details of manufacturer or importer

Supplier

Hilti (Aust.) Pty. Ltd.
Level 5, 1G Homebush Bay Drive
P.O. Box 3217
Rhodes NSW 2138
Australia
T +61 131 292 - F +61 1300 135 042
serviceaustralia@hilti.com

Department issuing data specification sheet:

Hilti AG
Feldkircherstraße 100
Schaan 9494
Liechtenstein
T +423 234 2111
product.compliance-power.tools@hilti.com

1.5. Emergency phone number

| | |
|------------------|--|
| Emergency number | Emergency CONTACT (24-Hour-Number): GBK GmbH Global Regulatory Compliance +49 (0)6132-84463 |
|------------------|--|

| Country | Organisation/Company | Address | Emergency number | Comment |
|-----------|--|-----------------------------|------------------|---------|
| Australia | NSW Poisons Information Centre The Children's Hospital at Westmead | Locked Bag 4001 NSW 2145 | 13 11 26 | |

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not classified

2.2. GHS Label elements, including precautionary statements

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

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

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

| | |
|----------------------------|---|
| First-aid measures general | Take off immediately all contaminated clothing. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
|----------------------------|---|

Hilti Grease

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

| | |
|---------------------------------------|---|
| First-aid measures after inhalation | Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | Wash contaminated clothing before reuse. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion | Rinse mouth. Get medical advice/attention. Do not induce vomiting. Obtain emergency medical attention. |

4.2. Symptoms caused by exposure

| | |
|-------------------------------------|---|
| Symptoms/effects after inhalation | Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | Repeated dermal contact with material can lead to defatting of the skin. May cause skin dryness or cracking. High pressure injection of product under the skin can have very serious consequences even without apparent symptoms or injuries. |
| Symptoms/effects after eye contact | None under normal conditions. Dust from this product may cause eye irritation. |
| Symptoms/effects after ingestion | None under normal conditions. Ingestion may cause nausea, vomiting and diarrhea. |

4.3. Medical attention and special treatment

| | |
|-----------------------------------|---|
| Other medical advice or treatment | Treat symptomatically. Symptoms may be delayed. |
|-----------------------------------|---|

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

| | |
|--|---|
| Explosion hazard | No direct explosion hazard. |
| General measures | Spilled material may present a slipping hazard. |
| Hazardous decomposition products in case of fire | Carbon oxides (CO, CO ₂). Metallic oxides. Phosphorus oxides. Sulphur oxides. |

5.3. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|---|
| Firefighting instructions | 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. Self-contained breathing apparatus. Complete protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | Spilled material may present a slipping hazard. |
|------------------|---|

6.1.1. For non-emergency personnel

| | |
|----------------------|----------------|
| Emergency procedures | Evacuate area. |
|----------------------|----------------|

6.1.2. For emergency responders

| | |
|----------------------|---|
| Protective equipment | Use personal protective equipment as required. Equip cleanup crew with proper protection. |
| Emergency procedures | Ventilate area. Stop leak if safe to do so. |

6.2. Environmental precautions

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

6.3. Methods and materials for containment and cleaning up

| | |
|-------------------------|--|
| For containment | Keep in suitable, closed containers for disposal. |
| Methods for cleaning up | Mechanically recover the product. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). |

Hilti Grease

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---|
| Additional hazards when processed | Not expected to present a significant hazard under anticipated conditions of normal use. |
| Precautions for safe handling | Ensure good ventilation of the work station. Wear personal protective equipment. |
| Hygiene measures | Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|------------------------|--|
| Technical measures | Keep in a cool, well-ventilated place away from heat. Comply with applicable regulations. |
| Storage conditions | Store in original container. Keep container tightly closed. Store in a dry place. Keep away from ignition sources. |
| Incompatible materials | Oxidizing materials. |
| Storage temperature | 5 – 25 °C |
| Packaging materials | Store always product in container of same material as original container. |

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

8.2. Biological Monitoring

No additional information available

8.3. Engineering controls

| | |
|----------------------------------|--|
| Appropriate engineering controls | Ensure good ventilation of the work station. |
|----------------------------------|--|

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

| | |
|---------------------------------|--|
| Personal protective equipment | Handling and storage of this material do not require special precaution. Avoid all unnecessary exposure. |
| Hand protection | Protective gloves |
| Eye protection | Safety glasses |
| Skin and body protection | Not required |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment |
| Environmental exposure controls | Avoid release to the environment. |
| Consumer exposure controls | Avoid contact during pregnancy/while nursing. |
| Other information | Do not eat, drink or smoke during use. |

SECTION 9: Physical and chemical properties

| | |
|--|---|
| Physical state | Solid |
| Appearance | Pasty. |
| Colour | dark grey |
| Odour | Odour threshold is subjective and inadequate to warn for overexposure. Mixture contains one or more component(s) which have the following odour: Odourless Pleasant odour Fruity odour Mild odour Vinegar odour |
| Odour threshold | No data available |
| pH | No data available |
| pH solution | No data available |
| Relative evaporation rate (butylacetate=1) | No data available |
| Melting point / Freezing point | Freezing point: Not applicable |
| Boiling point | No data available |
| Flash point | Not applicable |
| Auto-ignition temperature | Not applicable |
| Flammability | No data available |
| Vapour pressure | No data available |
| Relative density | No data available |

Hilti Grease

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

| | |
|---|-------------------------------------|
| Density | Density: 1 g/cm ³ (25°C) |
| Solubility | insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | No data available |
| Viscosity, kinematic | > 20.5 mm ² /s (40°C) |
| Explosive properties | No data available |
| Explosive limits | Not applicable |
| Minimum ignition energy | No data available |
| Fat solubility | No data available |

SECTION 10: Stability and reactivity

| | |
|------------------------------------|--|
| Reactivity | The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | The product is stable at normal handling and storage conditions. |
| Possibility of hazardous reactions | No dangerous reactions known under normal conditions of use. |
| Conditions to avoid | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Incompatible materials | Oxidizing materials. |
| Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

SECTION 11: Toxicological information

| | |
|-----------------------------------|---|
| 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 (On basis of test data). |
| 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 |

Hilti Grease

| | |
|----------------------|----------------------------------|
| Viscosity, kinematic | > 20.5 mm ² /s (40°C) |
|----------------------|----------------------------------|

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

| | |
|---|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

Hilti Grease

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
 Other adverse effects : No additional information available

| Hilti Grease | |
|------------------------------|-------|
| Fluorinated greenhouse gases | False |

SECTION 13: Disposal considerations

| | |
|--|---|
| Regional waste regulation | Disposal must be done according to official regulations. |
| Waste treatment methods | Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations | Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations. |
| Additional information | Do not re-use empty containers. |
| Ecological information | Avoid release to the environment. |

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

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

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Rail transport

Not regulated

Hilti Grease

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Other information

| Indication of changes | | | |
|-----------------------|---|----------|----------|
| Section | Changed item | Change | Comments |
| 1.4 | Department issuing data specification sheet | Modified | |
| 3 | Composition/information on ingredients | Modified | |
| | Emergency number | Modified | |

Hilti Grease

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Abbreviations and acronyms

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
 ATE - Acute Toxicity Estimate
 BCF - Bioconcentration factor
 BLV - Biological limit value
 BOD - Biochemical oxygen demand (BOD)
 COD - Chemical oxygen demand (COD)
 DMEL - Derived Minimal Effect level
 DNEL - Derived-No Effect Level
 EC-No. - European Community number
 EC50 - Median effective concentration
 EN - European Standard
 IARC - International Agency for Research on Cancer
 IATA - International Air Transport Association
 IMDG - International Maritime Dangerous Goods
 LC50 - Median lethal concentration
 LD50 - Median lethal dose
 LOAEL - Lowest Observed Adverse Effect Level
 NOAEC - No-Observed Adverse Effect Concentration
 NOAEL - No-Observed Adverse Effect Level
 NOEC - No-Observed Effect Concentration
 OECD - Organisation for Economic Co-operation and Development
 OEL - Occupational Exposure Limit
 PBT - Persistent Bioaccumulative Toxic
 PNEC - Predicted No-Effect Concentration
 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
 SDS - Safety Data Sheet
 STP - Sewage treatment plant
 ThOD - Theoretical oxygen demand (ThOD)
 TLM - Median Tolerance Limit
 VOC - Volatile Organic Compounds
 CAS-No. - Chemical Abstract Service number
 N.O.S. - Not Otherwise Specified
 vPvB - Very Persistent and Very Bioaccumulative
 ED - Endocrine disrupting properties
 28/01/2025

Revision date

| Classification | |
|----------------|--|
| Not classified | |

| Full text of H-statements | |
|--------------------------------|--|
| Eye Dam./Irrit. Not classified | Serious eye damage/eye irritation Not classified |

SDS_AU_Hilti

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.