

Hilti Grease

| | |
|-----------|--|
| 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 sikkerhedsdatabladfil 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 säkerhetsdatabladfil 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

Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

Issue date: 11/12/2024

Revision date: 11/12/2024

Supersedes: 05/07/2019

Version: 1.2

SECTION 1: Identification

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 uses and restrictions | For professional use only |
| Recommended use | Special lubricant for insert tool connection end |

1.4. Supplier's details

Supplier

Hilti Bahrain W.L.L
Warehouse No. 23 & 25, Gate 285, Road 4306
Area 343, Mina Salman
P.O. Box 11401
BH Manama, Bahrain
T +973 17811675
hiltibahrain@hilti.com, <https://www.hilti-me.com/>

Department issuing data specification sheet

Hilti AG
Feldkircherstraße 100
FL 9494 Schaan
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 |
|------------------|---|

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Not classified

2.2. GHS Label elements, including precautionary statements

According to the corresponding national regulations there is no labelling obligation for this product.

Labelling according to the United Nations GHS

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

| Name | Product identifier | % | Classification according to the United Nations GHS |
|--|---------------------|---------|--|
| Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic | CAS-No.: 64741-88-4 | 5 – 10 | Acute toxicity (oral), Category 5, H303 Acute toxicity (dermal), Category 5, H313 Acute toxicity (inhalation:dust,mist) Category 4, H332 |
| molybdenum(IV) sulfide | CAS-No.: 1317-33-5 | 2.5 – 5 | Acute toxicity (oral) Not classified Acute toxicity (dermal), Category 5, H313 |
| Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) | CAS-No.: 4259-15-8 | 1 – 2.5 | Flammable liquids Not classified Acute toxicity (oral), Category 5, H303 Acute toxicity (dermal) Not classified |

Full text of H-statements: see section 16

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. Most important symptoms/effects, acute and delayed

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

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Symptoms may be delayed.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

No additional information available

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective actions 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. |

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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

Other information Dispose of materials or solid residues at an authorized site.

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/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Consumer exposure controls Avoid contact during pregnancy/while nursing.
Other information Do not eat, drink or smoke during use.

8.3. 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

8.4. Exposure limit values for the other components

No additional information available

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SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

| | |
|---|--------------------------|
| Physical state | Solid |
| Appearance | Pasty |
| Colour | Black. |
| Odour | Not available |
| Odour threshold | Not available |
| Melting point | Not available |
| Freezing point | Not available |
| Boiling point | Not available |
| Flammability | Not available |
| Lower explosion limit | Not applicable |
| Upper explosion limit | Not applicable |
| Flash point | > 210 °C |
| Auto-ignition temperature | > 300 °C |
| Decomposition temperature | Not available |
| pH | Not available |
| pH solution | Not available |
| Viscosity, kinematic (calculated value) (40 °C) | Not applicable |
| Partition coefficient n-octanol/water (Log Kow) | Not available |
| Vapour pressure | < 0.1 mbar |
| Vapour pressure at 50°C | Not available |
| Density | ≈ 1.06 g/cm ³ |
| Relative density | Not available |
| Relative vapour density at 20°C | Not applicable |
| Solubility | insoluble in water. |
| Particle size | Not available |

9.2. Data relevant with regard to physical hazard classes (supplemental)

| | |
|-------------|----------|
| VOC content | ≈ 0 mg/l |
|-------------|----------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Oxidizing agent. Pyrophoric or self-heating substances.

10.6. Hazardous decomposition products

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 |

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Acute toxicity (inhalation) Not classified

| Baseoil - unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4) | |
|--|--------------------------|
| LD50 oral | 5000 mg/kg |
| LD50 dermal | 5000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | 2.18 mg/l/4h |
| 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

12.1. Toxicity

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

| Hilti Grease | |
|---|-------------------------------------|
| Persistence and degradability | No additional information available |
| molybdenum(IV) sulfide (1317-33-5) | |
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |

12.3. Bioaccumulative potential

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



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12.4. Mobility in soil

| Hilti Grease | |
|------------------------------------|-------------------------------------|
| Mobility in soil | No additional information available |
| 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

13.1. Disposal methods

| | |
|-------------------------|---|
| Waste treatment methods | Dispose in a safe manner in accordance with local/national regulations. |
| 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

14.7. Maritime transport in bulk according to IMO instruments

Not applicable



Hilti Grease

Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

SECTION 15: Regulatory information

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

No additional information available

SECTION 16: Other information

| | |
|-----------------|------------|
| SDS Major/Minor | None |
| Issue date | 12/11/2024 |
| Revision date | 12/11/2024 |
| Supersedes | 7/5/2019 |

Indication of changes:

Modified.

| Section | Changed item | Change | Comments |
|---------|---|----------|----------|
| 1.3 | Department issuing data specification sheet | Modified | |
| 3 | Composition/information on ingredients | Modified | |
| 1.4 | Emergency number | Modified | |

Data sources

JCDB. BIG.

Full text of H-statements:

| | |
|-------------------------------------|--|
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 5 (Dermal) | Acute toxicity (dermal), Category 5 |
| Acute Tox. 5 (Oral) | Acute toxicity (oral), Category 5 |
| Acute Tox. Not classified (Dermal) | Acute toxicity (dermal) Not classified |
| Acute Tox. Not classified (Oral) | Acute toxicity (oral) Not classified |
| Flam. Liq. Not classified | Flammable liquids Not classified |
| H303 | May be harmful if swallowed |
| H313 | May be harmful in contact with skin |
| H332 | Harmful if inhaled |

SDS_UN_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 United Nations GHS (Rev. 9, 2021)

Issue date: 28/01/2025

Revision date: 28/01/2025

Supersedes: 11/12/2024

Version: 3.0

SECTION 1: Identification

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 uses and restrictions | For professional use only |
| Recommended use | Special lubricant for insert tool connection end |

1.4. Supplier's details

Supplier

Hilti Bahrain W.L.L
Warehouse No. 23 & 25, Gate 285, Road 4306
Area 343, Mina Salman
P.O. Box 11401
BH Manama, Bahrain
T +973 17811675
hiltibahrain@hilti.com, <https://www.hilti-me.com/>

Department issuing data specification sheet

Hilti AG
Feldkircherstraße 100
FL 9494 Schaan
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 |
|------------------|---|

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

| | |
|--|-----------------------|
| Skin corrosion/irritation Not classified | On basis of test data |
| Serious eye damage/eye irritation Not classified | On basis of test data |
| Full text of H-statements: see section 16 | data |

2.2. GHS Label elements, including precautionary statements

According the corresponding national regulations there is no labelling obligation for this product.

Labelling according to the United Nations GHS

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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according to the United Nations GHS (Rev. 9, 2021)

3.2. Mixtures

| Name | Product identifier | % | Classification according to the United Nations GHS |
|---|---------------------|-----------|---|
| molybdenum(IV) sulfide | CAS-No.: 1317-33-5 | 2.5 – 5 | Acute toxicity (oral) Not classified Acute toxicity (dermal), Category 5, H313 |
| Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts | CAS-No.: 26264-06-2 | 0.1 – 2.5 | Acute toxicity (oral), Category 5, H303 Skin corrosion/irritation, Category 2, H315 Serious eye damage/eye irritation, Category 1, H318 Hazardous to the aquatic environment – Acute Hazard, Category 2, H401 Hazardous to the aquatic environment – Chronic Hazard, Category 3, H412 |

Full text of H-statements: see section 16

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. 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. Most important symptoms/effects, acute and delayed

| | |
|-------------------------------------|---|
| 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. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Symptoms may be delayed.

SECTION 5: Fire-fighting measures

5.1. Suitable 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. |

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according to the United Nations GHS (Rev. 9, 2021)

5.2. Specific hazards arising from the chemical

| | |
|--|---|
| Explosion hazard | No direct explosion hazard. |
| Hazardous decomposition products in case of fire | Carbon oxides (CO, CO ₂). Metallic oxides. Phosphorus oxides. Sulphur oxides. |

5.3. Special protective actions 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). |
| Other information | Dispose of materials or solid residues at an authorized site. |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---|
| 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. |
| Additional hazards when processed | Not expected to present a significant hazard under anticipated conditions of normal use. |

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. |
| Packaging materials | Store always product in container of same material as original container. |
| Storage temperature | 5 – 25 °C |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

| | |
|----------------------------------|---|
| Appropriate engineering controls | Ensure good ventilation of the work station. |
| Environmental exposure controls | Avoid release to the environment. |
| Consumer exposure controls | Avoid contact during pregnancy/while nursing. |

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according to the United Nations GHS (Rev. 9, 2021)

Other information Do not eat, drink or smoke during use.

8.3. 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 |

8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

| | |
|---|----------------------------------|
| Physical state | Solid |
| Appearance | Pasty |
| Colour | dark grey. |
| Odour | Not available |
| Odour threshold | Not available |
| Melting point | Not available |
| Freezing point | Not applicable |
| Boiling point | Not available |
| Flammability | Not available |
| Lower explosion limit | Not applicable |
| Upper explosion limit | Not applicable |
| Flash point | Not applicable |
| Auto-ignition temperature | Not applicable |
| Decomposition temperature | Not available |
| pH | Not available |
| pH solution | Not available |
| Viscosity, kinematic (calculated value) (40 °C) | > 20.5 mm ² /s (40°C) |
| Partition coefficient n-octanol/water (Log Kow) | Not available |
| Vapour pressure | Not available |
| Vapour pressure at 50°C | Not available |
| Density | 1 g/cm ³ (25°C) |
| Relative density | Not available |
| Relative vapour density at 20°C | Not applicable |
| Solubility | insoluble in water. |
| Particle size | Not available |

9.2. Data relevant with regard to physical hazard classes (supplemental)

| | |
|------------------|----------------|
| Explosive limits | Not applicable |
|------------------|----------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

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10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Oxidizing materials.

10.6. Hazardous decomposition products

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 |

| molybdenum(IV) sulfide (1317-33-5) | |
|------------------------------------|--------------------------|
| LD50 oral rat | > 6000 mg/kg (Rat, Oral) |
| LD50 oral | 6000 mg/kg |
| LD50 dermal | 2500 mg/kg |

| Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts (26264-06-2) | |
|--|---|
| LD50 oral rat | 4445 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other., 95% CL: 3913 - 5051 |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

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

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

SECTION 12: Ecological information

12.1. Toxicity

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

| Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts (26264-06-2) | |
|--|---|
| LC50 - Fish [1] | 1.67 mg/l Test organisms (species): Lepomis macrochirus |

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| Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts (26264-06-2) | |
|---|---|
| EC50 - Crustacea [1] | 2.9 mg/l Test organisms (species): Daphnia magna |
| EC50 96h - Algae [1] | 29 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| NOEC (chronic) | 1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC chronic fish | 0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d' |

12.2. Persistence and degradability

| Hilti Grease | |
|---|-------------------------------------|
| Persistence and degradability | No additional information available |
| molybdenum(IV) sulfide (1317-33-5) | |
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

| Hilti Grease | |
|---|-------------------------------------|
| Mobility in soil | No additional information available |
| 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

13.1. Disposal methods

| | |
|--|---|
| 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. |
| Ecological information | Avoid release to the environment. |
| Additional information | Do not re-use empty containers. |

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID



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| 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

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

SECTION 16: Other information

| | |
|-----------------|------------|
| SDS Major/Minor | None |
| Issue date | 1/28/2025 |
| Revision date | 1/28/2025 |
| Supersedes | 12/11/2024 |

Indication of changes:

Modified.

| Section | Changed item | Change | Comments |
|---------|--|----------|----------|
| 3 | Composition/information on ingredients | Modified | |

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according to the United Nations GHS (Rev. 9, 2021)

Data sources

Abbreviations and acronyms

JCDB. BIG.

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

| Full text of H-statements: | |
|----------------------------------|---|
| Acute Tox. 5 (Dermal) | Acute toxicity (dermal), Category 5 |
| Acute Tox. 5 (Oral) | Acute toxicity (oral), Category 5 |
| Acute Tox. Not classified (Oral) | Acute toxicity (oral) Not classified |
| Aquatic Acute 2 | Hazardous to the aquatic environment – Acute Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| H303 | May be harmful if swallowed |
| H313 | May be harmful in contact with skin |
| H315 | Causes skin irritation |



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| Full text of H-statements: | |
|----------------------------|---|
| H318 | Causes serious eye damage |
| H401 | Toxic to aquatic life |
| 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.