

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 sikkerhedsdatabladsfil 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 säkerhetsdatabladsfil 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 es válida para Hilti Grease con el número de material 1035006 (véase el texto impreso en el embalaje) 2. La versión 3.0 es 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 ohutuskardi 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

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	Tập 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)



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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

P.T. Hilti Nusantara
The Garden Center Level 3 No. 3-11B, Kawasan Komersial Cilandak
Jl. Raya Cilandak KKO
ID 12560 Jakarta
Indonesia
T +62 21 789 0850, F +62 21 7890845
moid@hilti.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 +62 21 789 0850
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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 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.
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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/cm³
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
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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



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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	11/12/2024
Revision date	11/12/2024
Supersedes	05/07/2019

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

P.T. Hilti Nusantara
The Garden Center Level 3 No. 3-11B, Kawasan Komersial Cilandak
Jl. Raya Cilandak KKO
ID 12560 Jakarta
Indonesia
T +62 21 789 0850, F +62 21 7890845
moid@hilti.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 +62 21 789 0850
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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	

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

Hilti Grease

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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.

Hilti Grease

Safety Data Sheet

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 mm²/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/cm³ (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
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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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according to the United Nations GHS (Rev. 9, 2021)

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

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	28/01/2025
Revision date	28/01/2025
Supersedes	11/12/2024

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

SDS_UN_Hilti

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