

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	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 Hazardous Products Regulation (February 11, 2015)
Issue date: 12/06/2022

Revision date: 12/06/2022

Supersedes: 07/05/2019

Version: 2.0

SECTION 1: Identification

1.1. Product identifier

Product form	Mixture
Trade name	Hilti Grease
Product code	BU ET&A
Product group	Blend

1.2. Recommended use and restrictions on use

Recommended use	Special lubricant for insert tool connection end
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1.3. Supplier

Supplier

Hilti (Canada) Corp.
2360 Meadowpine Boulevard
Mississauga, Ontario, L5N 6S2
Canada
T +1905 8139200
1-800-363-4458 toll free - F +1 905 813 9009

Department issuing data specification sheet

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

1.4. Emergency telephone number

Emergency number	Chem-Trec Tel.: 1 800 424 9300 (USA, PR, Virgin Islands, Canada) Tel.: 703 527 3887 (Other countries)
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SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Not classified

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
molybdenum(IV) sulfide	dag 325 / molybdenite / molybdenum disulfide / molybdenum disulphide / molybdenum sulfide / molybdenum sulfide (MoS ₂) / molybdenum(IV) sulfide / molykote / mopol M / mopol S / natural molybdenite	CAS-No.: 1317-33-5	2.5 – 5	Acute Tox. 4 (Inhalation:dust,mist), H332
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	-	CAS-No.: 4259-15-8	1 – 2.5	Eye Irrit. 2, H319 Aquatic Chronic 2, H411

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures**4.1. Description of first aid measures**

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. 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.
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).

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	No information available.
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4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	Treat symptomatically. Symptoms may be delayed.
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SECTION 5: Fire-fighting measures**5.1. Suitable extinguishing media**

No additional information available

5.2. Unsuitable extinguishing media

No additional information available



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5.3. Specific hazards arising from the hazardous product

No additional information available

5.4. 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.
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6.2. Methods and materials for containment and cleaning up

Other information	Dispose of materials or solid residues at an authorized site.
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6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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

Additional information	The product has a pasty consistency. Exposure limit values for respirable dusts are not relevant for this product.
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8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

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



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according to the Hazardous Products Regulation (February 11, 2015)

Skin and body protection:
Not required

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic 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
Relative evaporation rate (butylacetate=1)	No data available
Relative evaporation rate (ether=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	> 210 °C
Auto-ignition temperature	> 300 °C
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	< 0.1 mbar
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	≈ 1.06 g/cm ³
Solubility	insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Explosive limits	No data available

9.2. Other information

VOC content	≈ 0 mg/l
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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.
Hardening time:	No additional information available



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according to the Hazardous Products Regulation (February 11, 2015)

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
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 sensitization	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
Symptoms/effects	No information available.

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
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



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according to the Hazardous Products Regulation (February 11, 2015)

12.3. Bioaccumulative potential

molybdenum(IV) sulfide (1317-33-5)

Bioaccumulative potential	No bioaccumulation data available.
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12.4. Mobility in soil

molybdenum(IV) sulfide (1317-33-5)

Ecology - soil	Adsorbs into the soil.
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12.5. Other adverse effects

Ozone	Not classified
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SECTION 13: Disposal considerations

13.1. Disposal methods

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
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



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according to the Hazardous Products Regulation (February 11, 2015)

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Hilti Grease	
Canada DSL NDSL Flags	All components of this product are listed, or excluded from listing, on the Canadian Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

molybdenum(IV) sulfide (1317-33-5)

Listed on the Canadian DSL (Domestic Substances List)

Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) (4259-15-8)

Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: Other information

Issue date	12-06-2022
Revision date	12-06-2022
Supersedes	07-05-2019

Indication of changes			
Section	Changed item	Change	Comments
	Revision date	Modified	

Full text of H-statements:	
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.

SDS_CA_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 Hazardous Products Regulation (February 11, 2015)
Issue date: 01/28/2025

Revision date: 01/28/2025

Supersedes: 12/06/2022

Version: 3.0

SECTION 1: Identification

1.1. Product identifier

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

1.2. Recommended use and restrictions on use

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

1.3. Supplier

Supplier

Hilti (Canada) Corp.
2201 Bristol Circle
Suite 700
CA L6H 0J8 Oakville, Ontario
Canada
T +1905 8139200
1-800-363-4458 toll free, F +1 905 813 9009
ca-sales@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

1.4. Emergency telephone number

Emergency number	Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 101022 (USA domestic) 1 800 535 5053 or international (001) 352 323 3500
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SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Not classified

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
molybdenum(IV) sulfide	molybdenite / molybdenum disulfide / molybdenum sulfide	CAS-No.: 1317-33-5	2.5 – 5	Not classified
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts	-	CAS-No.: 26264-06-2	0.1 – 2.5	Skin Irrit. 2, H315 Eye Dam. 1, H318
diethyleneglycolmonoethyl ether	2-(2-ethoxyethoxy)ethanol / 2-(beta-ethoxyethoxy)ethanol / 2-ethoxyethoxyethanol	CAS-No.: 111-90-0	0.1 – 2.5	Not classified

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. 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.
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).

4.2. Most important symptoms and 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. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	Treat symptomatically. Symptoms may be delayed.
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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).
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5.2. Unsuitable extinguishing media

Unsuitable extinguishing media Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Explosion hazard No direct explosion hazard.
Hazardous decomposition products in case of fire Carbon oxides (CO, CO₂). Metallic oxides. Phosphorus oxides. Sulphur oxides.

5.4. 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.

6.2. 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.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

diethyleneglycolmonoethyl ether (111-90-0)	
Canada (Ontario) - Occupational Exposure Limits	
Local name	Diethylene glycol monoethyl ether
OEL TWA _{EV}	165 mg/m ³



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diethyleneglycolmonoethyl ether (111-90-0)	
	30 ppm
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Additional information	The product has a pasty consistency. Exposure limit values for respirable dusts are not relevant for this product.

8.2. Appropriate engineering controls

Appropriate engineering controls	Ensure good ventilation of the work station.
Environmental exposure controls	Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

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

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Pasty.
Colour	dark grey
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 Pleasant odour Fruity odour Mild odour Vinegar odour
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Relative evaporation rate (ether=1)	No data available
Melting point	No data available
Freezing point	Not applicable
Boiling point	No data available



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Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
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 limits	Not applicable

9.2. Other information

No additional information 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.
Hardening time:	No additional information available

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)
diethyleneglycolmonoethyl ether (111-90-0)	
LD50 oral	6031 mg/kg bodyweight (Equivalent or similar to OECD 401, Mouse, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	9143 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))

Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified (On basis of test data).

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Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

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

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
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 fish	0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d'
NOEC (chronic)	1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
diethyleneglycolmonoethyl ether (111-90-0)	
LC50 - Fish [1]	6010 mg/l (Equivalent or similar to OECD 203, 96 h, Ictalurus punctatus, Flow-through system, Fresh water, Experimental value, Lethal)
ErC50 algae	14861 mg/l (Equivalent or similar to OECD 201, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)

12.2. Persistence and degradability

molybdenum(IV) sulfide (1317-33-5)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable



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molybdenum(IV) sulfide (1317-33-5)	
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
diethyleneglycolmonoethyl ether (111-90-0)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.2 g O ₂ /g substance
Chemical oxygen demand (COD)	1.85 g O ₂ /g substance
ThOD	1.9078849 g O ₂ /g substance
BOD (% of ThOD)	0.11 (Calculated value)

12.3. Bioaccumulative potential

molybdenum(IV) sulfide (1317-33-5)	
Bioaccumulative potential	No bioaccumulation data available.
diethyleneglycolmonoethyl ether (111-90-0)	
Bioaccumulative potential	Not bioaccumulative.
Partition coefficient n-octanol/water (Log Pow)	-0.54 (Literature, 20 °C)

12.4. Mobility in soil

molybdenum(IV) sulfide (1317-33-5)	
Ecology - soil	Adsorbs into the soil.
diethyleneglycolmonoethyl ether (111-90-0)	
Surface tension	71.5 mN/m (20 °C, 0.1 %, OECD 115: Surface Tension of Aqueous Solutions)
Ecology - soil	Highly mobile in soil.

12.5. Other adverse effects

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

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA



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TDG	DOT	IMDG	IATA
14.1. UN number			
Not applicable	Not applicable	Not regulated	Not regulated
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not regulated	Not regulated
14.4. Packing group			
Not applicable	Not applicable	Not regulated	Not regulated
14.5. Environmental hazards			
Not applicable	Not applicable	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

TDG

Not applicable

DOT

Not applicable

IMDG

Not regulated

IATA

Not regulated

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

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Hilti Grease	
Canada DSL NDSL Flags	All components of this product are listed, or excluded from listing, on the Canadian Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

molybdenum(IV) sulfide (1317-33-5)

Listed on the Canadian DSL (Domestic Substances List)

Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts (26264-06-2)

Listed on the Canadian DSL (Domestic Substances List)



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diethyleneglycolmonoethyl ether (111-90-0)

Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: Other information

Issue date 01-28-2025
Revision date 01-28-2025
Supersedes 12-06-2022

Indication of changes

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

Full text of H-statements:

H315	Causes skin irritation.
H318	Causes serious eye damage.

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



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according to the Hazardous Products Regulation (February 11, 2015)

Abbreviations and acronyms:	
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

SDS_CA_Hilti

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