

Turmogrease ALN 1001/0

en	This safety data sheet file is issued for the following production lots: 1. Version 1.x/2.0 is valid for Turmogrease ALN 1001/0 with UFI NQ8V-DAFW-HT3S-P5Q9 (see label) 2. Version 4.0 is valid for Turmogrease ALN 1001/0 without UFI (see label)
de	Diese Sicherheitsdatenblatt-Datei betrifft die folgenden Fertigungslosse: 1. Version 1.x/2.0 ist gültig für Turmogrease ALN 1001/0 mit UFI NQ8V-DAFW-HT3S-P5Q9 (siehe Etikett) 2. Version 4.0 ist gültig für Turmogrease ALN 1001/0 ohne UFI (siehe Etikett)
nl	Dit veiligheidsinformatiebladbestand wordt afgegeven voor de volgende productie-lots: 1. Versie 1.x/2.0 is geldig voor Turmogrease ALN 1001/0 met UFI NQ8V-DAFW-HT3S-P5Q9 (zie etiket) 2. Versie 4.0 is geldig voor Turmogrease ALN 1001/0 zonder UFI (zie etiket)
fr	Ce fichier de données de sécurité est délivré pour les lots de production suivants : 1. La version 1.x/2.0 est valide pour Turmogrease ALN 1001/0 avec UFI NQ8V-DAFW-HT3S-P5Q9 (voir étiquette) 2. La version 4.0 est valide pour Turmogrease ALN 1001/0 sans UFI (voir étiquette)
da	Denne sikkerhedsdatabladsfil er udgivet for følgende produktions lots: 1. Version 1.x/2.0 er gældende for Turmogrease ALN 1001/0 med NQ8V-DAFW-HT3S-P5Q9 (se etiketten) 2. Version 4.0 er gældende for Turmogrease ALN 1001/0 uden UFI (se etiketten)
sv	Denna säkerhetsdatabladsfil har utfärdats för följande tillverkningspartier: 1. Version 1.x/2.0 är giltig för Turmogrease ALN 1001/0 med UFI NQ8V-DAFW-HT3S-P5Q9 (se etikett) 2. Version 4.0 är giltig för Turmogrease ALN 1001/0 utan UFI (se etikett)
fi	Tämä käyttöturvallisuustiedote koskee seuraavia tuotantoeriä: 1. Versio 1.x/2.0 koskee Turmogrease ALN 1001/0 -tuotetta, jonka UFI-koodi on NQ8V-DAFW-HT3S-P5Q9 (katso etiketti) 2. Versio 4.0 koskee Turmogrease ALN 1001/0 -tuotetta, jolla ei ole UFI-koodia (katso etiketti)
hu	Ezt a biztonsági adatlapot a következő gyártási tételekhez bocsátják ki: 1. Az 1.x/2.0 verzió a Turmogrease ALN 1001/0 termékre érvényes, UFI kódja NQ8V-DAFW-HT3S-P5Q9 (lásd a címkét) 2. A 3.0 verzió a Turmogrease ALN 1001/0 termékre érvényes, UFI kód nélkül (lásd a címkét)
es	Este archivo de hoja de datos de seguridad se emite para los siguientes lotes de producción: 1. Versión 1.x/2.0 válida para Turmogrease ALN 1001/0 con UFI NQ8V-DAFW-HT3S-P5Q9 (véase la etiqueta) 2. Versión 4.0 válida para Turmogrease ALN 1001/0 sin UFI (véase la etiqueta)
pt	Este ficheiro com ficha de dados de segurança é emitido para os seguintes lotes de produção: 1. A versão 1.x/2.0 é válida para a Turmogrease ALN 1001/0 com UFI NQ8V-DAFW-HT3S-P5Q9 (ver rótulo) 2. A versão 4.0 é válida para a Turmogrease ALN 1001/0 sem UFI (ver rótulo)
it	Questo file della scheda tecnica di sicurezza è rilasciato per i seguenti lotti di produzione: 1. La versione 1.x/2.0 è valida per Turmogrease ALN 1001/0 con UFI NQ8V-DAFW-HT3S-P5Q9 (vedere etichetta) 2. La versione 4.0 è valida per Turmogrease ALN 1001/0 senza UFI (vedere etichetta)
pl	Ten plik arkusza danych bezpieczeństwa jest wydany dla następujących części produkcyjnych: 1. Wersja 1.x/2.0 dotyczy produktu Turmogrease ALN 1001/0 z numerem UFI NQ8V-DAFW-HT3S-P5Q9 (patrz etykieta) 2. Wersja 4.0 dotyczy produktu Turmogrease ALN 1001/0 bez numeru UFI (patrz etykieta)
ru	Этот файл сертификата безопасности предоставлен для следующих партий продукции: 1. версия 1.x/2.0 действительна для Turmogrease ALN 1001/0 с UFI NQ8V-DAFW-HT3S-P5Q9 (см. этикетку) 2. Версия 4.0 действительна для Turmogrease ALN 1001/0 без UFI (см. этикетку)
el	Το παρόν δελτίο δεδομένων ασφαλείας εκδίδεται για τις ακόλουθες παρτίδες παραγωγής: 1. Η έκδοση 1.x/2.0 ισχύει για το Turmogrease ALN 1001/0 με UFI NQ8V-DAFW-HT3S-P5Q9 (βλ. ετικέτα) 2. Η έκδοση 4.0 ισχύει για το Turmogrease ALN 1001/0 χωρίς UFI (βλ. ετικέτα)
cs	Tento bezpečnostní list je vydán pro následující výrobní šarže: 1. Verze 1.x/2.0 platí pro Turmogrease ALN 1001/0 s UFI NQ8V-DAFW-HT3S-P5Q9 (viz štítek) 2. Verze 4.0 platí pro Turmogrease ALN 1001/0 bez UFI (viz štítek)
bg	Този информационен лист за безопасност се публикува за следните производствени партии: 1. Версия 1.x/2.0 е валидна за Turmogrease ALN 1001/0 с UFI NQ8V-DAFW-HT3S-P5Q9 (виж етикета) 2. Версия 4.0 е валидна за Turmogrease ALN 1001/0 без UFI (виж етикета)
lv	Šo drošības datu lapa ir izsniegta šādām ražojumu partijām: 1. Versija 1.x/2.0 ir spēkā Turmogrease ALN 1001/0 ar UFI NQ8V-DAFW-HT3S-P5Q9 (skatīt etiķeti) 2. Versija 4.0 ir spēkā Turmogrease ALN 1001/0 bez UFI (skatīt etiķeti)
lt	Šis saugos duomenų lapo failas išduodamas šioms gamybos partijoms: 1. Versija 1.x/2.0 galioja „Turmogrease ALN 1001/0“ su UFI NQ8V-DAFW-HT3S-P5Q9 (žr. etiketę). 2. Versija 4.0 galioja „Turmogrease ALN 1001/0“ be UFI (žr. etiketę)
sk	Tento súbor bezpečnostných údajov sa vydáva pre tieto výrobné šarže: 1. Verzia 1.x/2.0 platí pre Turmogrease ALN 1001/0 s UFI NQ8V-DAFW-HT3S-P5Q9 (pozri etiketu) 2. Verzia 4.0 platí pre Turmogrease ALN 1001/0 bez UFI (pozri etiketu)
sl	Datoteka z varnostnim listom je izdana za naslednje proizvodne serije: 1. Različica 1.x/2.0 velja za Turmogrease ALN 1001/0 z UFI NQ8V-DAFW-HT3S-P5Q9 (glej etiketo) 2. Različica 4.0 velja za Turmogrease ALN 1001/0 brez UFI (glej etiketo)
et	See ohutuskardi fail on välja antud järgmistele tootepartidele: 1. Versioon 1.x/2.0 kehtib Turmogrease ALN 1001/0 tootele, mille UFI on NQ8V-DAFW-HT3S-P5Q9 (vt etiketti). 2. Versioon 4.0 kehtib Turmogrease ALN 1001/0 kohta ilma UFI-koodita (vt etikett)

Turmogrease ALN 1001/0

ro	Acest fișier cu date tehnice de securitate este emis pentru următoarele locuri de producție: 1. Versiunea 1.x/2.0 este valabilă pentru Turmogrease ALN 1001/0 cu UFI NQ8V-DAFW-HT3S-P5Q9 (a se vedea eticheta) 2. Versiunea 4.0 este valabilă pentru Turmogrease ALN 1001/0 fără UFI (a se vedea eticheta)
hr	Ovaj sigurnosno-tehnički list izdaje se za sljedeće proizvodne serije: 1. Verzija 1.x/2.0 vrijedi za Turmogrease ALN 1001/0 s UFI NQ8V-DAFW-HT3S-P5Q9 (vidi etiketu) 2. Verzija 4.0 vrijedi za Turmogrease ALN 1001/0 bez UFI (vidi etiketu)
tr	Bu güvenlik bilgi formu dosyası aşağıdaki üretim partileri için hazırlanmıştır: 1. Versiyon 1.x/2.0, UFI NQ8V-DAFW-HT3S-P5Q9 (etikete bakınız) numaralı Turmogrease ALN 1001/0 için geçerlidir. 2. Versiyon 4.0, UFI numarası olmayan Turmogrease ALN 1001/0 için geçerlidir (etikete bakınız).
uk	Цей файл сертифіката безпеки надано для наступних партій продукції: 1. Версія 1.x/2.0 дійсна для Turmogrease ALN 1001/0 з UFI NQ8V-DAFW-HT3S-P5Q9 (див. етикетку) 2. Версія 4.0 дійсна для Turmogrease ALN 1001/0 без UFI (див. етикетку)
zh	本安全数据表文件针对以下生产批次发布： 1. 版本 1.x/2.0 适用于 Turmogrease ALN 1001/0 带 UFI NQ8V-DAFW-HT3S-P5Q9 (见标签) 2. 版本 4.0 适用于 Turmogrease ALN 1001/0 不带 UFI (见标签)
ar	يتم إصدار ملف صحيفة بيانات السلامة لتشغيلات الإنتاج التالية: 1. الإصدار 1.x/2.0 صالح لـ 1001/0 ALN Turmogrease مع UFI NQ8V-DAFW-HT3S-P5Q9 (انظر الملصق) 2. الإصدار 4.0 صالح لـ 1001/0 ALN Turmogrease بدون (انظر الملصق)
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/2.0は、UFI NQ8V-DAFW-HT3S-P5Q9（ラベル参照）を有するTurmogrease ALN 1001/0に適用されます。 2. バージョン4.0は、UFIのないTurmogrease ALN 1001/0（ラベル参照）に適用されます。
sr	Datoteka bezbednosnog lista se izdaje za sledeće proizvodne serije: 1. Verzija 1.x/2.0 važi za Turmogrease ALN 1001/0 sa UFI NQ8V-DAFW-HT3S-P5Q9 (videti etiketu) 2. Verzija 4.0 važi za Turmogrease ALN 1001/0 bez UFI (videti etiketu)
ms	Fail helaian data keselamatan ini dikeluarkan untuk lot pengeluaran yang berikut: 1. Versi 1.x/2.0 sah untuk Turmogrease ALN 1001/0 dengan UFI NQ8V-DAFW-HT3S-P5Q9 (lihat label) 2. Versi 4.0 sah untuk Turmogrease ALN 1001/0 tanpa UFI (lihat label)
ko	본 안전보건자료는 다음 제품 로트에 대해 발급되었습니다. 1. 버전 1.x/2.0은 UFI NQ8V-DAFW-HT3S-P5Q9(라벨 참조)를 포함한 Turmogrease ALN 1001/0에 적용됩니다. 2. 버전 4.0은 UFI가 없는 Turmogrease ALN 1001/0에 적용됩니다(라벨 참조).
id	File lembar data keselamatan ini diterbitkan untuk lot produksi berikut: 1. Versi 1.x/2.0 berlaku untuk Turmogrease ALN 1001/0 dengan UFI NQ8V-DAFW-HT3S-P5Q9 (lihat label) 2. Versi 4.0 berlaku untuk Turmogrease ALN 1001/0 tanpa UFI (lihat label)
he	קובץ גיליון נתוני בטיחות זה מונפק עבור מגרשי הייצור הבאים: 1. גרסה 1.x/2.0 תקפה ל-1001/0 ALN Turmogrease עם UFI NQ8V-DAFW-HT3S-P5Q9 (ראה תווית) 2. גרסה 4.0 תקפה ל-1001/0 ALN Turmogrease ללא UFI (ראה תווית)
th	แผนข้อมูลด้านความปลอดภัยนี้จัดทำสำหรับล็อตการผลิตดังต่อไปนี้: 1. เวอร์ชัน 1.x/2.0 ใช้ได้กับ Turmogrease ALN 1001/0 ที่มี UFI NQ8V-DAFW-HT3S-P5Q9 (ดูฉลาก) 2. เวอร์ชัน 4.0 ใช้ได้กับ Turmogrease ALN 1001/0 ที่ไม่มี UFI (ดูฉลาก)
vi	Tập bản dữ liệu an toàn này được phát hành cho các lô sản xuất sau: 1. Phiên bản 1.x/2.0 áp dụng cho Turmogrease ALN 1001/0 có mã UFI NQ8V-DAFW-HT3S-P5Q9 (xem nhãn) 2. Phiên bản 4.0 áp dụng cho Turmogrease ALN 1001/0 không có mã UFI (xem nhãn)
zf	下列生產批次將獲核發本安全資料表檔案： 1. 版本 1.x/2.0 適用於 Turmogrease ALN 1001/0, UFI NQ8V-DAFW-HT3S-P5Q9（見標籤）。 2. 版本 4.0 適用於不含 UFI 的 Turmogrease ALN 1001/0（見標籤）。
kk	Бұл қауіпсіздік паспорты мына өндірістік партиялар үшін шығарылады: 1. 1.x/2.0 нұсқасы UFI NQ8V-DAFW-HT3S-P5Q9 бар Turmogrease ALN 1001/0 үшін жарамды (белгіні қараңыз) 2. 4.0 нұсқасы UFI жоқ Turmogrease ALN 1001/0 үшін жарамды (белгіні қараңыз)

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according to the Hazardous Products Regulation (February 11, 2015)
Issue date: 12/16/2022 Revision date: 12/16/2022

Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form	Mixture
Product name	Turmogrease ALN 1001/0
Product code	ETA Lubricants

1.2. Recommended use and restrictions on use

Recommended use	Lubricants, Greases and Release Products
Restrictions on use	For professional use only

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)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Reproductive toxicity, Additional category, Effects on or via lactation	H362	May cause harm to breast-fed children.
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412	Harmful to aquatic life with long lasting effects.
Full text of H-statements: see section 16		

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard statements (GHS CA)	H362 - May cause harm to breast-fed children. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (GHS CA)	P263 - Avoid contact during pregnancy/while nursing. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Amines, C11-14-branched alkyl, monoethyl and diethyl phosphates	-	CAS-No.: 80939-62-4	1 – 2.5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Chronic 2, H411
Alkanes, C14-17, chloro (MCCP)	alkanes, C14-17, chloro; chlorinated paraffins, C14-17 alkanes, C14-17, chloro / C14-17, chloro alkanes / chlorinated paraffins, C14-17 / chloro alkanes, C14-17 / chloro, C14-17 alkanes	CAS-No.: 85535-85-9	0.1 – 1	Lact., H362

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. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	If you feel unwell, seek medical advice. Rinse mouth out with water. Drink plenty of water.
First-aid measures general	In all cases of doubt, or when symptoms persist, seek medical attention.

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	No additional information available.
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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	Carbon dioxide. Sand. Dry powder. Foam.
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5.2. Unsuitable extinguishing media

Unsuitable extinguishing media	Water. Strong water jet. Do not use a heavy water stream.
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5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire Carbon dioxide. Carbon monoxide.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting [In case of inadequate ventilation] wear respiratory protection.
Other information Do not dispose of fire-fighting water in the environment. Do not allow product to spread into the environment.

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

Methods for cleaning up Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
Absorb the liquid with an inert binder. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

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 Avoid contact during pregnancy/while nursing. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Avoid direct sunlight, high temperature, high humidity.
Store in a cool place (temperature: -20 °C ~ 40 °C, humidity: 45 - 85%).
Storage area Protect from humidity and water.
Special rules on packaging Keep only in original container. Store in a closed container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Environmental exposure controls Do not eat and do not drink during use. Do not allow product to spread into the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:
Safety glasses. Gloves.

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Materials for protective clothing:
Butyl-rubber protective gloves. Nitrile rubber
Eye protection:
EN 166
Skin and body protection:
Wear suitable gloves

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	No data available
Colour	yellow beige
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: Mild odour Characteristic odour Odourless
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	> 300 °C
Flash point	> 200 °C
Auto-ignition temperature	No data available
Decomposition temperature	> 200 °C
Flammability (solid, gas)	No data available
Vapour pressure	< 0.1 hPa
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	0.85 g/cm ³
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Explosive limits	No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

Reactivity	No additional information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Strong acids. Strong bases.
Conditions to avoid	No information available.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon dioxide. Carbon monoxide. Toxic gases.
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

Turmogrease ALN 1001/0	
LD50 oral rat	> 2000
LD50 dermal rat	> 2000
Alkanes, C14-17, chloro (MCCP) (85535-85-9)	
LD50 oral rat	> 4000 mg/kg bodyweight (Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 oral	15000 mg/kg
LD50 dermal rabbit	> 13500 mg/kg bodyweight (24 h, Rabbit, Read-across, Dermal)
LC50 Inhalation - Rat	> 48.17 mg/l air (1 h, Rat, Read-across, Inhalation (vapours))
Amines, C11-14-branched alkyl, monoheptyl and diheptyl phosphates (80939-62-4)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 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	May cause harm to breast-fed children.
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Symptoms/effects	No information available.
Other information	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)	Harmful to aquatic life with long lasting effects.

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Alkanes, C14-17, chloro (MCCP) (85535-85-9)	
LC50 - Fish [1]	> 5000 mg/l (Equivalent or similar to OECD 203, 96 h, Alburnus alburnus, Static system, Brackish water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	0.0059 mg/l
ErC50 algae	> 3.2 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
NOEC chronic crustacea	0.0087 mg/l

Amines, C11-14-branched alkyl, monoethyl and diethyl phosphates (80939-62-4)	
LC50 - Fish [1]	5.5 mg/l
EC50 72h - Algae [1]	> 10 mg/l

12.2. Persistence and degradability

Turmogrease ALN 1001/0	
Persistence and degradability	Not rapidly degradable.
Alkanes, C14-17, chloro (MCCP) (85535-85-9)	
Not rapidly degradable	
Persistence and degradability	Not readily biodegradable in the soil. Not readily biodegradable in water.

12.3. Bioaccumulative potential

Turmogrease ALN 1001/0	
Bioaccumulative potential	No additional information available.
Alkanes, C14-17, chloro (MCCP) (85535-85-9)	
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).
BCF - Fish [1]	6660 – 9140 l/kg (OECD 305: Bioconcentration: Flow-Through Fish Test, 35 day(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	4.7 – 8.3 (Experimental value, Equivalent or similar to OECD 117)

12.4. Mobility in soil

Turmogrease ALN 1001/0	
Additional information	No information available
Alkanes, C14-17, chloro (MCCP) (85535-85-9)	
Ecology - soil	Low potential for mobility in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	5 – 5.2 (log Koc, Experimental value)

12.5. Other adverse effects

Ozone	Not classified
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SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste)	Disposal must be done according to official regulations.
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Turmogrease ALN 1001/0

Safety Data Sheet

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

Waste treatment methods

Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

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

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Alkanes, C14-17, chloro (MCCP) (85535-85-9)
Listed on the Canadian DSL (Domestic Substances List)
Amines, C11-14-branched alkyl, monoethyl and diethyl phosphates (80939-62-4)
Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: Other information



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

Issue date	12-16-2022
Revision date	12-16-2022

Full text of H-statements:

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H362	May cause harm to breast-fed children.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful 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.

Turmogrease ALN 1001/0

Safety Data Sheet

according to SOR/2015-17, Hazardous Products Regulations (HPR)

Issue date: 11/03/2025

Revision date: 11/03/2025

Supersedes: 07/28/2025

Version: 4.0

SECTION 1: Identification

1.1. Product identifier

Product form	Mixture
Trade name	Turmogrease ALN 1001/0
Product code	BU ET&A

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use	Lubricants, Greases and Release Products
Restrictions on use	For professional use only

1.4. Supplier's details

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
Feldkircher Strasse 100
FL 9494 Schaan
Liechtenstein
T +423 234 2111
product.compliance-power.tools@hilti.com

1.5. 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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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according to SOR/2015-17, Hazardous Products Regulations (HPR)

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of schedule 1, item 3 of the Hazardous Products Regulations.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	Take off immediately all contaminated clothing. Wash skin with mild soap and water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	Rinse mouth out with water. Drink plenty of water. If you feel unwell, seek medical advice.
First-aid measures general	In all cases of doubt, or when symptoms persist, seek medical attention.

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	No additional information available.
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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	Dry powder. Carbon dioxide. ABC-powder. Foam. Sand.
Unsuitable extinguishing media	Water. Strong water jet. Do not use a heavy water stream.

5.2. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire	Carbon dioxide. Carbon monoxide.
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5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	Use a self-contained breathing apparatus and also a protective suit.
Other information	Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Spilled material may present a slipping hazard.
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6.2. Methods and materials for containment and cleaning up

For containment	Using a clean shovel, put the material in a dry container and cover without compressing it.
Methods for cleaning up	Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Absorb spillage with: Diatomaceous earth. universal binders.
Other information	Dispose of materials or solid residues at an authorized site.

No information available, For further information refer to section 13



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according to SOR/2015-17, Hazardous Products Regulations (HPR)

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Ensure good ventilation of the work station. Avoid breathing vapours, spray, mist. Avoid contact with skin and eyes. Avoid contact during pregnancy/while nursing. Wear personal protective equipment. Do not eat, drink or smoke when using this product.

Hygiene measures

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Keep in a cool, well-ventilated place away from heat.

Storage conditions

Keep container tightly closed in a cool place. Keep away from heat and direct sunlight. Avoid contact with : air or oxygen.

Storage area

Protect from humidity and water.

Special rules on packaging

Keep only in original container. Store in a closed container.

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

Do not eat and do not drink during use. Do not allow product to spread into the environment.

Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Safety glasses. Gloves.

Materials for protective clothing:

Butyl-rubber protective gloves. Nitrile rubber

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable gloves

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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according to SOR/2015-17, Hazardous Products Regulations (HPR)

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Pasty.
Colour	Beige
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
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	> 300 °C
Flash point	> 200 °C
Auto-ignition temperature	Not applicable
Decomposition temperature	> 200 °C
Flammability (solid, gas)	No data available
Vapour pressure	< 0.1 hPa (50 °C)
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	0.86 g/cm ³
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Explosive limits	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	No additional information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Strong acids. Strong bases.
Conditions to avoid	No information available.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon dioxide. Carbon monoxide. Toxic gases. Toxic vapours.
Hardening time:	No additional information available

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according to SOR/2015-17, Hazardous Products Regulations (HPR)

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

Turmogrease ALN 1001/0	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 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.
Other information	No information available.

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

12.2. Persistence and degradability

Turmogrease ALN 1001/0	
Persistence and degradability	No additional information available.

12.3. Bioaccumulative potential

Turmogrease ALN 1001/0	
Bioaccumulative potential	No additional information available.

12.4. Mobility in soil

Turmogrease ALN 1001/0	
Additional information	No information available

12.5. Other adverse effects

Ozone	Not classified
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Turmogrease ALN 1001/0

Safety Data Sheet

according to SOR/2015-17, Hazardous Products Regulations (HPR)

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.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. 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

TDG

Not regulated

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

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

Not applicable



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according to SOR/2015-17, Hazardous Products Regulations (HPR)

SECTION 15: Regulatory information

15.1. National regulations

Turmogrease ALN 1001/0	
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)

SECTION 16: Other information

Issue date	11-03-2025
Revision date	11-03-2025
Supersedes	07-28-2025

Indication of changes			
Section	Changed item	Change	Comments
	Legislation	Modified	

Abbreviations and acronyms:	
ACGIH	American Conference of Government Industrial Hygienists
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)
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
CSA	Chemical safety assessment
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor
EN	European Standard
EWC	European waste catalogue
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods



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according to SOR/2015-17, Hazardous Products Regulations (HPR)

Abbreviations and acronyms:	
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
OSHA	Occupational Safety Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
PPE	Personal protection equipment
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TF	Technical function
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	Unique Formula Identifier

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