

## SAFETY DATA SHEET

Classified in accordance with Health Canada Hazardous Products Regulations (SOR/2015-17)

### 1 PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifier

**Product name:** TITAN GT1 PRO V 0W-20

**Other means of identification:** For further information, please refer to section 9 of the SDS.

#### 1.2 Recommended use and restriction on use

**Recommended use:** Lubricant

**Restrictions on use:** No uses advised against identified.

US Distributor  
Fuchs Lubricants Co.  
17050 Lathrop Avenue  
Harvey, IL 60426  
(708) 333-8900  
(800) 255-3924 24 hrs  
Emergency

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer / Supplier** FUCHS LUBRICANTS GERMANY GmbH  
Friesenheimer Str. 19  
68169 Mannheim  
Telephone: +49 621 3701-0 (ZENTRALE)  
Fax: +49 621 3701-570

**1.4 Emergency telephone number:** +49 621 3701-0 (Mo - Fr 08:00 am - 04:00 pm, GMT + 1)

### 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Health Hazards

Reproductive toxicity

Category 2

#### 2.2 Label Elements



**Signal Words:** Warning

**Hazard Statement(s):** H361f: Suspected of damaging fertility.

##### Precautionary Statements

**Prevention:** P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P281: Use personal protective equipment as required.

**Product name:** TITAN GT1 PRO V 0W-20

**Response:** P308+P313: IF exposed or concerned: Get medical advice/attention.

**Storage:** P405: Store locked up.

**Disposal:** P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

**2.3 Other hazards:** By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

**Unknown toxicity:** Due to information available product does not contain any ingredients of unknown toxicity.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

**General information:** Mixture containing severely refined base oils and additives.

Chemical name	Identifier	Concentration (%w/w)	Notes
Base oil paraffinic	64742-54-7	60.00 - 80.00	
Polyolefin polyamine succinimide	147880-09-9	1.00 - 5.00	
Amine aromatic , alkylated	68411-46-1	0.10 - 1.00	

A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

#### Classification

Chemical name	Identifier	Classification
Base oil paraffinic	64742-54-7	Asp. Tox. 1;H304
Polyolefin polyamine succinimide	147880-09-9	Aquatic Chronic 4;H413
Amine aromatic , alkylated	68411-46-1	Repr. 2;H361f, Aquatic Chronic 3;H412

Please note that the mineral oils and petroleum distillates used in our products are severely refined and have a DMSO extract < 3% as measured by method IP 346 and are not classified as carcinogenic according to Nota L/ Nota N of Annex VI of Regulation EC 1272/2008."

### 4 FIRST AID MEASURES

**General:** Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into clothing pockets.

#### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids.

**Product name:** TITAN GT1 PRO V 0W-20

**Skin Contact:** Wash with soap and water. The product is not skin irritating.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** May cause skin and eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed** Get medical attention if symptoms occur.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** CO<sub>2</sub>, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

**5.2 Special hazards arising from the substance or mixture:** During fire, gases hazardous to health may be formed.

### 5.3 Advice for firefighters

**Special fire-fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

**6.2 Environmental Precautions:** Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.

**6.3 Methods and material for containment and cleaning up:** Scrape up spillage or absorb with absorbing material. Stop the flow of material, if this is without risk. Dispose of the material collected according to regulations.

**6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

---

**Product name:** TITAN GT1 PRO V 0W-20

---

<b>SECTION 7: Handling and storage:</b>
---

- |  |  |
|--|--|
| <b>7.1 Precautions for safe handling:</b>                                | Provide adequate ventilation. Observe good industrial hygiene practices. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. |
| <b>7.2 Conditions for safe storage, including any incompatibilities:</b> | Local regulations concerning handling and storage of waterpolluting products have to be followed.  |
| <b>7.3 Specific end use(s):</b>  | Not applicable   |

<b>8 EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
--

---

**Product name:** TITAN GT1 PRO V 0W-20
 

---

**8.1.Exposure Limits**

Chemical name	Type	Exposure Limit Values	Source
Base oil paraffinic - Mist.	TWA	5 mg/m <sup>3</sup>	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended
Base oil paraffinic - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended
Base oil paraffinic - Mist.	TWA	5 mg/m <sup>3</sup>	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended
Base oil paraffinic - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended
Base oil paraffinic - Mist.	TWA	1 mg/m <sup>3</sup>	Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended
Base oil paraffinic - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended
Base oil paraffinic - Inhalable fraction.	TWA	5 mg/m <sup>3</sup>	Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 2016 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191), as amended (05 2022)
Base oil paraffinic - Mist.	TWA	5 mg/m <sup>3</sup>	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended (07 2009)
Base oil paraffinic - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended (07 2009)
Base oil paraffinic - Mist.	TWA	1 mg/m <sup>3</sup>	Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended (05 2013)
Base oil paraffinic - Inhalable fraction.	TWA	5 mg/m <sup>3</sup>	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended (03 2014)
Base oil paraffinic - Inhalable fraction.	TWA	5 mg/m <sup>3</sup>	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (06 2015)
Base oil paraffinic	15 MIN ACL	10 mg/m <sup>3</sup>	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended (05 2009)
Base oil paraffinic - Inhalable dusts and mists.	TWA	5 mg/m <sup>3</sup>	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting

---

**Product name:** TITAN GT1 PRO V 0W-20
 

---

			occupational health and safety), as amended (04 2022)
base oil - Mist.	TWA	5 mg/m <sup>3</sup>	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended
base oil - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended
base oil - Mist.	TWA	5 mg/m <sup>3</sup>	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended
base oil - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended
base oil - Mist.	TWA	1 mg/m <sup>3</sup>	Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended
base oil - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended
Unalloyed mineral oil - Mist.	TWA	5 mg/m <sup>3</sup>	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended
Unalloyed mineral oil - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended
Unalloyed mineral oil - Mist.	TWA	5 mg/m <sup>3</sup>	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended
Unalloyed mineral oil - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended
Unalloyed mineral oil - Mist.	TWA	1 mg/m <sup>3</sup>	Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended
Unalloyed mineral oil - Mist.	STEL	10 mg/m <sup>3</sup>	Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances (Workers Compensation Board); as amended

## 8.2.Exposure controls

### Appropriate engineering controls:

Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

---

**Product name:** TITAN GT1 PRO V 0W-20

---

**Individual protection measures, such as personal protective equipment**

<b>General information:</b>	Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.
<b>Eye/face protection:</b>	Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield.
<b>Skin protection</b>	
<b>Hand Protection:</b>	Material: Nitrile butyl rubber (NBR). Min. Breakthrough time: $\geq 480$ min Recommended thickness of the material: $\geq 0.38$ mm  Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>Other:</b>	Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.
<b>Respiratory Protection:</b>	Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.
<b>Thermal hazards:</b>	No data available.
<b>Hygiene measures:</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
<b>Environmental Controls:</b>	No data available.

<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>
---

**9.1 Information on basic physical and chemical properties****Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Brown
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not applicable for mixtures
<b>pH:</b>	substance/mixture is non-soluble (in water)
<b>Freezing point:</b>	Not applicable for mixtures
<b>Boiling Point:</b>	Value not relevant for classification
<b>Flash Point:</b>	232 °C

---

**Product name:** TITAN GT1 PRO V 0W-20

---

<b>Evaporation Rate:</b>	Not applicable for mixtures
<b>Flammability (solid, gas):</b>	Value not relevant for classification
<b>Explosion Limit - Upper (%):</b>	Not applicable for mixtures
<b>Explosion Limit - Lower (%):</b>	Not applicable for mixtures
<b>Vapor pressure:</b>	Not applicable for mixtures
<b>Relative vapor density:</b>	Not applicable for mixtures
<b>Relative density:</b>	0.84 g/ml (15.00 °C)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	Not applicable for mixtures
<b>Auto-ignition temperature:</b>	Value not relevant for classification
<b>Decomposition Temperature:</b>	Value not relevant for classification
<b>Kinematic viscosity:</b>	38.65 mm <sup>2</sup> /s (40.00 °C)
<b>Explosive properties:</b>	Value not relevant for classification
<b>Oxidizing properties:</b>	Value not relevant for classification
<b>9.2 Other information</b>	No data available.

#### SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Stable under normal use conditions.
<b>10.2 Chemical Stability:</b>	Stable under normal use conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Stable under normal use conditions.
<b>10.4 Conditions to avoid:</b>	Stable under normal use conditions.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing substances. Strong acids. Strong bases.
<b>10.6 Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

#### 11 TOXICOLOGICAL INFORMATION

##### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.



---

**Product name:** TITAN GT1 PRO V 0W-20

---

**Acute toxicity****Oral****Product:**

Not classified for acute toxicity based on available data.

**Specified substance(s)**

Base oil paraffinic

LD 50 (Rat): &gt; 5,000 mg/kg

Amine aromatic ,  
alkylated

LD 50 (Rat): &gt; 5,000 mg/kg (OECD 401)

**Dermal****Product:**

Not classified for acute toxicity based on available data.

**Specified substance(s)**

Base oil paraffinic

LD 50 (Rabbit): &gt; 5,000 mg/kg

**Inhalation****Product:**

Not classified for acute toxicity based on available data.

**Skin Corrosion/Irritation:****Product:**

Based on available data, the classification criteria are not met.

**Specified substance(s)**

Base oil paraffinic

OECD 404 Not irritant.

**Serious Eye Damage/Eye Irritation:****Product:**

Based on available data, the classification criteria are not met.

**Specified substance(s)**

Base oil paraffinic

OECD 405 Not irritant.

Amine aromatic ,  
alkylated

OECD 405 (Rabbit): Not irritant.

**Respiratory or Skin Sensitization:****Product:**

Skin sensitizer: Based on available data, the classification criteria are not met.

Respiratory sensitizer: Based on available data, the classification criteria are not met.

**Specified substance(s)**Amine aromatic ,  
alkylated

No sensitizing effect (guinea pig); OECD 406

**Germ Cell Mutagenicity****Product:**

Based on available data, the classification criteria are not met.

**Carcinogenicity****Product:**

Based on available data, the classification criteria are not met.

---

**Product name:** TITAN GT1 PRO V 0W-20

---

**IARC: IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**NTP: US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**ACGIH: US.ACGIH Threshold Limit Values:**

No carcinogenic components identified

**Reproductive toxicity****Product:** Based on available data, the classification criteria are met.**Specific Target Organ Toxicity - Single Exposure****Product:** Based on available data, the classification criteria are not met.**Specific Target Organ Toxicity - Repeated Exposure****Product:** Based on available data, the classification criteria are not met.**Aspiration Hazard****Product:** Based on available data, the classification criteria are not met.**Specified substance(s)**

Base oil paraffinic May be fatal if swallowed and enters airways.

---

**12 ECOLOGICAL INFORMATION**

---

**General information:** Not applicable**12.1 Toxicity****Acute toxicity****Product:** Based on available data, the classification criteria are not met.**Fish****Specified substance(s)**

Base oil paraffinic LC 50 (Fish, 96 h): &gt; 100 mg/l

Amine aromatic ,  
alkylated

LC 50 (Fish, 96 h): &gt; 100 mg/l (OECD 203)

**Aquatic Invertebrates****Specified substance(s)**

Base oil paraffinic EC 50 (Water Flea, 48 h): &gt; 100 mg/l

Amine aromatic ,  
alkylated

EC 50 (Daphnia magna): 51 mg/l (OECD 202)

**Chronic Toxicity****Product:** Based on available data, the classification criteria are not met.**Aquatic Invertebrates****Specified substance(s)**

Base oil paraffinic NOEC (Daphnia magna, 21 d): 10 mg/l (OECD 211)

---

**Product name:** TITAN GT1 PRO V 0W-20

---

**Toxicity to Aquatic Plants****Specified substance(s)**

Base oil paraffinic EC 50 (Algae, 72 h): &gt; 100 mg/l (OECD 201)

Amine aromatic ,  
alkylated EC 50 (72 h): > 100 mg/l (OECD 201)**12.2 Persistence and Degradability****Biodegradation****Product:** Not applicable for mixtures**Specified substance(s)**

Base oil paraffinic Not readily degradable.

Amine aromatic ,  
alkylated Not readily degradable.**12.3 Bioaccumulative potential****Product:** Not applicable for mixtures**12.4 Mobility in soil:****Product:** Not applicable for mixtures**12.5 Results of PBT and vPvB  
assessment:**

The product does not contain any substances fulfilling the PBT/vPvB criteria.

**12.6 Other adverse effects:**

No data available.

**13 Disposal considerations****13.1 Waste treatment methods****General information:** Dispose in accordance with all applicable regulations.**Disposal methods:** Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.**14 TRANSPORT INFORMATION****TDG**

Not Regulated.

**IMDG - International Maritime Dangerous Goods Code**

Not Regulated.

**IATA**

Not Regulated.

**Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable.**15 REGULATORY INFORMATION**

---

**Product name:** TITAN GT1 PRO V 0W-20

---

**Inventory Status**

TSCA	On or in compliance with the inventory
DSL	On or in compliance with the inventory

**16 OTHER INFORMATION**

**Revision Information:** Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

H304	May be fatal if swallowed and enters airways.
H361f	Suspected of damaging fertility.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

**Training information:** Follow training instructions when handling this material.

**Revision Date:** 23.10.2024

**Disclaimer:** The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.