



Scania Grease

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

Scania Grease

Article No.

8305031174

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product type

Mixture.

Relevant identified uses

Grease.

Not suitable for use in

Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

SDS created by

Global Division B Product Compliance Mgmt. System (BWC)

Supplier

ZF CV Distribution Germany GmbH & Co. KG

Address

Am Lindener Hafen 21
30453 Hannover
Germany

Telephone

+800 438 92226

Contact person

Global Division B Product Compliance Mgmt. System (BWC)

Email

msds.zf-aftermarket@zf.com

1.4. Emergency telephone number

+49 89 19 240 - Available in English and German

Available outside office hours

Yes



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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Hazardous to the aquatic environment — Chronic hazard category 2

Hazard statements

H411

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Hazard statements

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P391 Collect spillage.

2.3. Other hazards

This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

This product does not contain any substance present at a concentration equal to or greater than 0.1% by mass, included in the list drawn up in accordance with article 59, paragraph 1 of the REACH Regulation, due to its endocrine disrupting properties, or a substance known to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation 2018/605.

SECTION 3: Composition/information on ingredients

3.2. Mixtures



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Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Specific concentration limits ATE	Note
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains relatively few normal paraffins.]	64742-52-5 265-155-0 01-2119467170-45 649-465-00-7	≥20 - <30%	-	- - -		L
Dilithium azelate	38900-29-7 254-184-4 01-2120119814-57-0000 -	≥1 - <10%	Acute Tox. 4 - oral	H302 - -		-
Lithium 12-hydroxystearate	7620-77-1 231-536-5 01-2119970893-23-0000 -	≥1 - <10%	-	- - -		-
O,O,O-triphenyl phosphorothioate	597-82-0 209-909-9 01-2119979545-21-0000 -	≥1 - <2.5%	Aquatic Chronic 1	H410 - M-chro=10		PBT (persistent, bioaccumulative and toxic substance). Regulation (EC) No. 1907/2006, REACH Article 59(1). Candidate List.



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Substance additional information

Chemical nature: Mineral oil.
Synthetic hydrocarbon oil
special lithium soap

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove victim to fresh air. If signs/symptoms persist, get medical attention. Keep victim warm and at rest. If breathing is irregular or stops, give artificial respiration.
If unconscious, place in recovery position and seek medical advice.
Keep respiratory tract clear.

Skin contact

Remove contaminated clothing. If irritation occurs, seek medical attention. Wash with soap and water.
Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye contact

Immediately rinse with plenty of water for at least 10 minutes, also under the eyelids. If eye irritation persists, seek medical attention.

Ingestion

Move the victim to fresh air.
Do not induce vomiting without medical advice.
If unconscious, place in recovery position and seek medical advice.
Keep respiratory tract clear. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Medical symptoms No specific symptoms noted.
Risk of contact: None known.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Carbon dioxide (CO₂).

Carbon monoxide (CO).

nitrogen oxides

Sulphur oxides.

phosphorus oxides

Metal oxides.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

In case of fire, wear self-contained breathing apparatus. Use personal protective equipment. Inhalation of decomposition products can be harmful to health.

Other

Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area.

Provide adequate ventilation. Do not breathe vapour/spray. Avoid inhalation of aerosols.

6.2. Environmental precautions

Do not allow contact with soil, surface or ground water.

If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Collect and place in appropriately labelled containers.

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.



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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Avoid contact with skin and eyes.

Eating, smoking and water fountains prohibited in immediate work area.

Wash hands and face before breaks and immediately after handling the product.

Do not repack.

These safety instructions also apply to empty packaging which may still contain product residues.

Keep container closed when not in use.

General hygiene

Wash face, hands and all exposed skin thoroughly after use.

7.2. Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3. Specific end use(s)

None specific.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

Occupational exposure limits: See below OEL table.

Biological Limit Values (BLV): No exposure indices known.

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Source	Remark	Year
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil — unspecified	64742-52-5 -	- / 5	IE OEL (2021-05-18)	OELV - 8 hrs (TWA) (inhalable fraction)	2021
lithium 12-hydroxystearate	7620-77-1 -	- / 10	IE OEL (2021-05-18)	OELV - 8 hrs (TWA)	2021

DNEL/DMEL



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Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Distiliatai (nafta), sunkieji naftenų, hidrinti; pagrindinė alyva – detaliau nenurodyta (-/-)	DNEL	Chronic (long term) Inhalation	5.58 mg/m ³	Workers	Local
Distiliatai (nafta), sunkieji naftenų, hidrinti; pagrindinė alyva – detaliau nenurodyta (-/-)	DNEL	Chronic (long term) Inhalation	2.73 mg/m ³	Workers	Systemic
Distiliatai (nafta), sunkieji naftenų, hidrinti; pagrindinė alyva – detaliau nenurodyta (-/-)	DNEL	Chronic (long term) Dermal	0.97 mg/kg	Workers	Systemic
dilithium azelate (-/-)	DNEL	Chronic (long term) Dermal	13.5 mg/kg	Workers	Systemic
dilithium azelate (-/-)	DNEL	Chronic (long term) Dermal	0.172 mg/cm ²	Workers	Local
O,O,O-trifenilfosforotioatas (-/-)	DNEL	Chronic (long term) Inhalation	1.39 mg/m ³	Workers	Systemic
O,O,O-trifenilfosforotioatas (-/-)	DNEL	Chronic (long term) Dermal	0.4 mg/kg	Workers	Systemic
bis(4-(1,1,3,3-tetrametilbutil)fenil)aminas (-/-)	DNEL	Chronic (long term) Inhalation	49.3 mg/m ³	Workers	Systemic
bis(4-(1,1,3,3-tetrametilbutil)fenil)aminas (-/-)	DNEL	Chronic (long term) Dermal	14 mg/kg bw/day	Workers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Distiliatai (nafta), sunkieji naftenų, hidrinti; pagrindinė alyva – detaliau nenurodyta (-/-)	PNEC	Oral.	9.33 mg/kg
dilithium azelate (-/-)	PNEC	Freshwater	0.023 mg/l
dilithium azelate (-/-)	PNEC	Marine water	0.002 mg/l
O,O,O-trifenilfosforotioatas (-/-)	PNEC	Freshwater	0.00017 mg/l
O,O,O-trifenilfosforotioatas (-/-)	PNEC	Marine water	0.017 µg/l
O,O,O-trifenilfosforotioatas (-/-)	PNEC	Sediment (freshwater)	3.47 mg/kg



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Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
O,O,O-trifenilfosforotioatas (-/-)	PNEC	Sediment (marine water)	0.347 mg/kg
O,O,O-trifenilfosforotioatas (-/-)	PNEC	Soil	2.46 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Engineering measures: None.

Personal Protective Equipment Symbols



Eye / face protection

Safety glasses.

Hand protection

Material: nitrile rubber.
Breakthrough time: > 10 min.
Protection index: Class: 1.

For prolonged or repeated contact use protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.

Other skin protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Respiratory protection

Not required. except in the case of aerosol formation.

Filter type: P.

Environmental exposure controls

Do not allow contact with soil, surface or ground water.
If the product contaminates rivers and lakes or drains inform respective authorities.

Other

protective measures: The type of protective equipment must be selected depending on the concentration and quantity of the hazardous substance in the workplace.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Paste

Colour

Beige.

Odour

Characteristic.

Odour threshold

No data available.

Melting point / freezing point

No data available.

Boiling point or initial boiling point and boiling range

No data available.

Flammability

Combustible solids.

Lower and upper explosion limit

No data available.

Flash point

Not applicable.

Auto-ignition temperature

No data available.

Decomposition temperature

No data available.

pH

Not applicable.

Kinematic viscosity

> 20.5 mm²/s

Method

@ 40°C

Viscosity, dynamic

No data available.

Solubility

Insoluble (water); No data available (other solvents).



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Partition coefficient n-octanol/water

No data available.

Vapour pressure

< 0.001 hPa

Method

@ 20°C

Density and/or relative density

0.85 g/cm³

Method

@ 20°C

Relative density

0.85 (@20 °C)

Method

Reference substance: water

The value is calculated.

Relative vapour density

No data available.

Evaporation Rate

No data available.

Explosive properties

Not explosive

Oxidising properties

No data available.

Particle characteristics

No data available

9.2. Other information

No data available

Other

Bulk density : No data available.

Sublimation point: No data available.

Particle size : Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

No particular dangers to mention.



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10.2. Chemical stability

Stable under normal use conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known when used as directed.

10.4. Conditions to avoid

No conditions to be specially mentioned.

10.5. Incompatible materials

No materials to be especially mentioned.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

ATE (Oral) : > 2,000 mg/kg (Calculation method.)

ATE (Inhalation) : Not available.

ATE (Dermal) : Not available.

Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Method / Guideline	Remarks
Dilithium azelate -	LD50	> 300 mg/kg	-	Rat.	OECD 420	GLP: yes
Dilithium azelate -	LD50	> 2000 mg/kg	-	Rabbit	-	The substance or mixture has no acute dermal toxicity.
O,O,O-triphenyl phosphorothioate -	LD50	> 10,000 mg/kg	Oral.	Rat.	OECD 401	-
O,O,O-triphenyl phosphorothioate -	LD50	> 2,000 mg/kg	Dermal	Rabbit	OECD 402	The substance or mixture has no acute dermal toxicity.

Skin corrosion/irritation

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



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Product / Substance name CAS / EC no.	Result
Dilithium azelate -	Based on available data, the classification criteria are not met.
O,O,O-triphenyl phosphorothioate -	Based on available data, the classification criteria are not met.

Serious eye damage/irritation

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

Product / Substance name CAS / EC no.	Result	Species
Dilithium azelate -	Based on available data, the classification criteria are not met.	Rabbit
O,O,O-triphenyl phosphorothioate -	Based on available data, the classification criteria are not met.	Rabbit

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain any substance present at a concentration equal to or greater than 0.1% by mass, included in the list drawn up in accordance with article 59, paragraph 1 of the REACH Regulation, due to its endocrine disrupting properties, or a substance known to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation 2018/605.



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Other

The information provided is based on data from the components and toxicity of similar products.

SECTION 12: Ecological information

12.1. Toxicity

Acute algae toxicity

Product / Substance name CAS / EC no.	Value / Result	Species
Wabco EaseTec M5 -	No data available.	Algae.

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Value / Result	Species
Wabco EaseTec M5 -	No data available.	Daphnia magna

Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Value / Result	Species
Wabco EaseTec M5 -	No data available.	Acute Toxicity - Microorganisms:

Chronical toxicity

Product / Substance name CAS / EC no.	Value / Result	Species
Wabco EaseTec M5 -	The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.	Fish.

12.2. Persistence and degradability

No data available.



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Decay/transformation

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Mobility

No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB in a concentration $\geq 0,1 \%$.

12.6. Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

The product should not be allowed to enter drains, water courses or the soil.

Do not dispose of with domestic refuse.

Dispose of as hazardous waste in compliance with local and national regulations.

Waste codes should be assigned by the user based on the application for which the product was used.

Packaging

Packaging that is not properly emptied must be disposed of as the unused product.

Dispose of waste product or used containers according to local regulations.

The following Waste Codes are only suggestions:

Waste code	Waste description
12 01 12*	spent waxes and fats

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.



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SECTION 14: Transport information

14.1. UN number

UN 3077

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (O,O,O-triphenyl phosphorothioate)

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

APLINKAI PAVOJINGA MEDŽIAGA, KIETA, K.N. (O,O,O-trifenilfosforotioatas)

IMDG proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (tiofosfato di O,O,O-trifenile)

IATA proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (tiofosfato di O,O,O-trifenile)

14.3. Transport hazard class(es)

Label

9

ADR / RID Class

9

ADR / RID Classification code

M7

ADR / RID hazard identification number

90

IMDG Class

F-A, S-F

IATA Class

Packing instruction (cargo aircraft): 956.

Packing instruction (LQ): Y956.

ADN Class Code

M7

14.4. Packing group

III

14.5. Environmental hazards

Yes.

IMDG Marine Pollutant

Yes.



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14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

Substances of very high concern (SVHC): O,O,O-triphenyl phosphorothioate

Ozone depleting substances (1005/2009/EU): Not applicable.

Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: Not applicable.

Prior Informed Consent (PIC) (649/2012/EU): Not applicable.

Annex XIV - List of substances subject to authorization: Not applicable.

REGULATION (EU) 2019/1148 on the marketing and use of explosives precursors: Not applicable.

DIRECTIVE 2012/18/EU (SEVESO III) on the control of major-accident hazards involving dangerous substances: Environmental Hazards: E2.

Volatile organic compounds: Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control): Not applicable.

National regulations

No data available

15.2. Chemical safety assessment

Not available.

SECTION 16: Other information

Phrase meaning

Aquatic Chronic 2 - Hazardous to the aquatic environment — Chronic hazard category 2

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1

H302 Harmful if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.



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Other

Additional information

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