



Scania Grease

SECTION 1: Identification

Product identifier

Trade name

Scania Grease

Article No.

8305031174

Recommended use of the chemical and restrictions on use

Product type

Mixture.

Use

Grease.

Not suitable for use in

Restricted to professional users.

Supplier's details

SDS created by

Global Division B Product Compliance Mgmt. System (BWC)

Supplier

ZF Services, LLC

Address

ZF Services Region North

America Headquarters

777 Hickory Hill Drive

Vernon Hills

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USA

Telephone

+1 847 478 6868

Email

msds.zf-aftermarket@zf.com

Contact person

Global Division B Product Compliance Mgmt. System (BWC)

Email address

msds.zf-aftermarket@zf.com



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Emergency phone number

1-800-222-1222

Available outside office hours

No

SECTION 2: Hazard identification

Classification of the substance or mixture and any national or regional information

Description

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)
: Not a hazardous substance or mixture.

Label elements, including precautionary statements

More information

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Other hazards which do not result in classification

None known.

SECTION 3: Composition/information on ingredients

Mixture

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
Dilithium azelate	38900-29-7 254-184-4 01-2120119814-57-0000 -	≥1 - <5%	Acute Tox. 4 - oral	H302 - -		-

Substance additional information

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

Actual concentration is withheld as a trade secret.



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SECTION 4: First-aid measures

Description of necessary 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.

Most important symptoms/effects, acute and delayed

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

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable (and unsuitable) 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.



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Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products).

Carbon dioxide (CO₂).
Carbon monoxide (CO).
nitrogen oxides
Sulphur oxides.
phosphorus oxides
Metal oxides.

Special protective actions for fire-fighters

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

Personal precautions, protective equipment and emergency procedures

Evacuate area.
Provide adequate ventilation. Do not breathe vapor/spray. Avoid inhalation of aerosols.

Environmental precautions

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

Methods and materials for containment and cleaning up

Collect and place in appropriately labelled containers.

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

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.

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.

Specific end use(s)

None specific.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits

No exposure limit value known.

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	64742-52-5 -	- / 5	OSHA Z-1 (2018-03-15)	TWA (Mist)	2018
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5 -	- / 5	ACGIH (2013-03-01)	TWA (Inhalable particulate matter)	2013
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5 -	- / 5	NIOSH REL (2019-10-04)	TWA (Mist)	2019



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Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Source	Remark	Year
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5 -	- / 10	NIOSH REL (2019-10-04)	ST (Mist)	2019
lithium 12-hydroxystearate	7620-77-1 -	- / 10	ACGIH (2018-03-20)	TWA (Inhalable particulate matter)	2018
lithium 12-hydroxystearate	7620-77-1 -	- / 3	ACGIH (2018-03-20)	TWA (Respirable particulate matter)	2018

Appropriate engineering 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

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.



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Solubility

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

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

Other information

No data available

Other

Bulk density: : No data available.

Sublimation point: No data available.

Particle size: : Not applicable.



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SECTION 10: Stability and reactivity

Reactivity

No particular dangers to mention.

Chemical stability

Stable under normal use conditions.

Possibility of hazardous reactions

No dangerous reactions known when used as directed.

Conditions to avoid

No conditions to be specially mentioned.

Incompatible materials

No materials to be especially mentioned.

Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11. Toxicological information

Information on the likely routes of exposure

Acute toxicity

ATE (Oral) : > 5,000 mg/kg (Calculation method.)

ATE (Inhalation) : Not available.

ATE (Dermal) : Not available.

Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	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 tox- icity.

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.

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

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.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

IARC OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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.

Information on other hazards

No data available



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Other

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

SECTION 12: Ecological information

Toxicity

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Wabco EaseTec M5 -	-	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	-	Fish.
Dilithium azelate -	LC50	> 100 mg/l	96 hr.	Fish. (Oncorhynchus mykiss)

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.	Measurement type	Value / Result	Duration of exposure	Species
Wabco EaseTec M5 -	-	No data available.	-	Daphnia magna
Dilithium azelate -	EC50	> 100 mg/l	48 hr.	Daphnia magna

Micro-/macro organism toxicity



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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.

Persistence and degradability

No data available.

Decay/transformation

No data available.

Bioaccumulative potential

No data available.

Product / Substance name CAS / EC no.	LogKow / LogPow	Bioconcentration factor (BCF)
Dilithium azelate -	-3.56	3

Mobility in soil

Mobility

No data available.

Results of PBT and vPvB assessment

No data available

Endocrine disrupting properties

No data available



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Other adverse effects

Ozone-Depletion Potential: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances.

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

Disposal 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:

SECTION 14: Transport information

UN number

UN 3077

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

UN proper shipping name

ADR / RID / ADN proper shipping name

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

IMDG proper shipping name

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

IATA proper shipping name

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



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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

Packing group

III

Environmental hazards

Yes.

IMDG Marine Pollutant

Yes.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet.

Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

Transport in bulk according to IMO instruments

Not applicable for product as supplied.

Other

49 CFR: Not regulated as a dangerous good.

Remarks: Shipment by ground under DOT is non-regulated; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.



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SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

National regulations

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity: This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : No SARA Hazards.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

California Prop. 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA list No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

Chemical safety assessment

Not available.

SECTION 16: Other information

Phrase meaning

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
H302 Harmful if swallowed.



SAFETY DATA SHEET

According to Regulation (US HCS) 29 CFR
1910.1200

Version number: 1

Issued: 2026-06-15

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Other

Additional information

This material safety data sheet applies only to originally packaged and labeled goods. The information contained therein may not be reproduced or modified without our express written permission. Any forwarding of this document is only permitted to the extent required by law. Any further, in particular public, distribution of our safety data sheets (e.g. as a download on the Internet) is not permitted without our express written permission. We provide our customers with amended material safety data sheets in accordance with legal regulations. The customer shall be responsible for forwarding safety data sheets and any changes thereto to its own customers, employees and other users of the product in accordance with the statutory provisions. We assume no liability for the topicality of the material safety data sheets received by users from third parties. All information and instructions in this Material Safety Data Sheet have been prepared to the best of our knowledge and are based on the state of the art on the date of issue. The information provided should describe the product with regard to the necessary safety measures; they do not provide assurance of properties or guarantee of the suitability of the product for the individual case and do not constitute a contractual legal relationship. The existence of a safety data sheet for a particular jurisdiction does not necessarily mean that the import or use within that jurisdiction is permitted by law. If you have any questions, please contact your responsible sales contact or the authorized dealer.