



WABCO EaseTec L3

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

1.1. Product identifier

Trade name

WABCO EaseTec L3

Article No.

8305031094

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 Automotive Systems Poland Sp. z o.o.

Address

ul. Ekonomiczna 19
42-271 Czestochowa
Poland

Telephone

+48 34 347 55 00

Email

info@zf.com

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; 112

Available outside office hours

Yes



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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Description

The product has not been classified as hazardous, but needs to be labelled according to regulation (EU) 1272/2008 (CLP).

2.2. Label elements

Supplemental hazard statements

EUH210 Safety data sheet available on request.

More information

The product has not been classified as hazardous, but needs to be labelled according to regulation (EU) 1272/2008 (CLP).

2.3. Other hazards

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

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

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 - <10%	Acute Tox. 4 - oral	H302 - -		-

Product based on

Chemical nature:
special lithium soap
Silicone oil.



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Substance additional information

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.

Skin contact

Remove contaminated clothing.
Contact physician if irritation continues.
Gently wash with plenty of soap and water.

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.
Rinse mouth with water.

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

No symptoms known or expected.

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

Treat symptomatically.

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 oxides
Metal oxides.



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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

Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Do not breathe vapours. Aerosol.

6.2. Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.
Local authorities should be advised if significant spillages cannot be contained.

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

For personal protection, see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Wash hands and face before breaks and immediately after handling the product.

General hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Store in original container. Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with the particular national regulations. Keep in properly labelled containers.



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7.3. Specific end use(s)

Specific instructions for handling, not required.

Other

Storage class : 11, Combustible solids.

Notes: This is a regulation from Germany that does not form a legal basis in other countries.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

Occupational exposure limits: No exposure limit value known.

Biological Limit Values (BLV): No exposure limit value known.

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
dilithium azelate (-/-)	DNEL	Chronic (long term) Dermal	13.5 mg/kg bw/day	Workers	Systemic
dilithium azelate (-/-)	DNEL	Chronic (long term) Inhalation	0.172 mg/cm ² /day	Workers	Local

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
dilithium azelate (-/-)	PNEC	Freshwater	0.023 mg/l
dilithium azelate (-/-)	PNEC	Marine water	0.002 mg/l

8.2. Exposure controls

Appropriate engineering controls

None specific.

Eye / face protection

Safety glasses.



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Hand protection

Material: nitrile rubber.
Breakthrough time: > 10 min
Protective 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.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

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 case of aerosol formation.
Filter type: P

Environmental exposure controls

Air. : No special precautions.
Soil : The product should not be allowed to enter drains, water courses or the soil.
Water. : The product should not be allowed to enter drains, water courses or the soil.

Other

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Solid. [Paste.]

Colour

Beige.

Odour

Characteristic.

Melting point / freezing point

No data available

Boiling point or initial boiling point and boiling range

No data available



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Flammability

Flammability (solid, gas): 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

Not applicable.

Solubility

No data available

Water solubility

Insoluble in water.

Partition coefficient n-octanol/water

No data available

Vapour pressure

< 0.001 hPa (20 °C)

Density and/or relative density

1.05 g/cm³ (20 °C)

Relative density

1.05 (20 °C)

Reference substance: water

The value is calculated.

Relative vapour density

No data available

Explosive properties

Not explosive

Particle characteristics

Not applicable.



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9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazards to be specially mentioned.

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

>150 °C Possibility of release of small amounts of formaldehyde.

>180 °C small quantities of benzene may be formed.

SECTION 11: Toxicological information

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

Acute toxicity

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

ATEmix: > 2000 mg/kg [Calculation method.]

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



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Skin corrosion/irritation

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

Product / Substance name CAS / EC no.	Result
Dilithium azelate -	Not irritating.

Serious eye damage/irritation

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

Product / Substance name CAS / EC no.	Result	Species
Dilithium azelate -	Not irritating.	Rabbit

Respiratory or skin sensitisation

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

Product / Substance name CAS / EC no.	Result
Dilithium azelate -	Not a skin sensitiser.

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.



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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.

Other information

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

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

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

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Dilithium azelate -	LC50	> 100 mg/l	96 hr	Oncorhynchus mykiss (rainbow trout)

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Dilithium azelate -	EC50	> 100 mg/l	48 hr	Daphnia magna (Water flea)

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Product / Substance name CAS / EC no.	LogKow / LogPow
Dilithium azelate	log Pow: -3.56

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Product / Substance name CAS / EC no.	LogKow / LogPow
-	

12.4. Mobility in soil

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

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.

12.7. Other adverse effects

No information available.

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.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific 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 02	ferrous metal dust and particles
15 01 10*	packaging containing residues of or contaminated by hazardous substances

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

Not regulated.

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Label

Not regulated.

ADR / RID Class

Not regulated.

IMDG Class

Not regulated.

IATA Class

Not regulated.

ADN Class

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental hazards

Not regulated.

IMDG Marine Pollutant

Not regulated.

14.6. Special precautions for user

Not regulated.

14.7. Maritime transport in bulk according to IMO instruments

Not regulated.



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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: The restriction conditions for the following entries should be taken into account:

Number in list 75.

If you intend to use this product as tattoo ink, please contact your seller.

Substances of very high concern (SVHC): Not applicable.

Regulation (EC) No 2024/590 on substances that deplete the ozone layer, ANNEX I REGULATED SUBSTANCES: Not applicable.

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

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: 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: Not applicable.

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): 0.02%

National regulations

No data available

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Phrase meaning

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

H302 Harmful if swallowed.

EUH210 Safety data sheet available on request.



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Other

Additional information

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