

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 17.12.2015

Version number 1

Revision: 17.12.2015

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

- **1.1 Product identifier**
- **Trade name:** **WABCO EaseTec™ L2**
- **Article number:** 830 502 101 4
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product category** PC24 Lubricants, greases, release products
- **Application of the substance / the mixture** Lubricating grease.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
WABCO Vertriebs GmbH & CO. KG  
Am Lindener Hafen 21  
30453 Hannover  
Germany  
Tel.: +49 511 922 0
- **Informing department:**  
Information available by telephone number for respective country given above.
- **1.4 Emergency telephone number:**  
Emergency control center for poisoning cases Berlin +49 (0) 30 30 686 790 (German and English)

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 68037-01-4	1-Decen, Homopolymer, mit Wasserstoff behandelt ☠ Asp. Tox. 1, H304	50-100%
CAS: 59656-20-1 EINECS: 261-844-5	2,5-Bis(tert-dodcyldithio)-1,3,4-thiadiazol Aquatic Chronic 3, H412	1-<5%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

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#### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information**  
Instantly remove any clothing soiled by the product.  
Contaminated work clothing should not be allowed out of the workplace.  
Wash contaminated clothing before reuse.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**  
Generally the product does not irritate the skin.  
Instantly wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** In case of persistent symptoms consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

#### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.

#### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Avoid contact with eyes and skin.  
Remove persons from danger area.  
Observe information for safe handling (item 7) and personal protective equipment (item 8).
- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

#### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Avoid contact with eyes and skin.  
Prevent formation of dust.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**  
Keep away from heat and direct sunlight.

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Store in a well-ventilated place.

Store cool and dry in tightly closed receptacles.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidising agents.

- **Further information about storage conditions:** None.

- **Storage class** 11

- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **8.1 Control parameters**

- **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs**

#### 59656-20-1 2,5-Bis(tert-dodcyldithio)-1,3,4-thiadiazol

Dermal	Workers - long term - systemic effects	6.25 mg/kg bw/day (-)
	Arbeiter - Kurzzeit - Systemische Effekte	3125 mg/kg bw/day (-)
Inhalative	Workers - acute - systemic effects	1087 mg/m <sup>3</sup> (-)

- **8.2 Exposure controls**

- **Personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid close or long term contact with the skin.

- **Breathing equipment:** On formation of dust use breathing equipment.

- **Protection of hands:** Impervious gloves

- **Material of gloves**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses recommended.

- **Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

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

- **General Information**

- **Appearance:**

**Form:** Paste.

**Colour:** Beige

· **Odour:** Characteristic

· **pH-value:** Not applicable.

- **Change in condition**

**Melting point/Melting range:** Not determined

**Boiling point/Boiling range:** Not determined

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· <b>Flash point:</b>	Not applicable
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive.
· <b>Density at 20 °C</b>	0,86 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with Water:</b>	Insoluble
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
dynamic:	Not applicable.
kinematic:	Not applicable.
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values that are relevant for classification:

##### 68037-01-4 1-Decen, Homopolymer, mit Wasserstoff behandelt

Oral	LD50	>5.000 mg/kg (Rat)
Dermal	LD50	>2.000 mg/kg (Rat) (OECD TG 402)

##### 59656-20-1 2,5-Bis(tert-dodcyldithio)-1,3,4-thiadiazol

Oral	LD50	> 5.000 mg/kg (Rat) (OECD TG 401)
Dermal	LD50	> 2.000 mg/kg (Rat) (OECD TG 402)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
- **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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### SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

#### 68037-01-4 1-Decen, Homopolymer, mit Wasserstoff behandelt

EC50 (48 h)	>1.000 mg/l (Daphnia magna) (OECD TG 202)
LC50/96 h	>1.000 mg/l (Oncorhynchus mykiss) (OECD TG 203)
ErC50 (72h)	>1000 mg/l (Scenedesmus capricornutum) (OECD TG 201)
NOEC (21 d)	125 mg/l (Daphnia magna)

#### 59656-20-1 2,5-Bis(tert-dodcyldithio)-1,3,4-thiadiazol

EC50 (72 h)	> 100 mg/l (Pseudokirchneriella subcapitata) (OECD TG 201)
EC50 (48 h)	41 mg/l (Daphnia magna) (OECD TG 202)
LC50/96 h	>1.000 mg/l (Pimephales promelas)

· 12.2 Persistence and degradability A part of the components is heavily biodegradable.

#### · 12.3 Bioaccumulative potential

#### 68037-01-4 1-Decen, Homopolymer, mit Wasserstoff behandelt

Bioconcentration factor (BCF) >10 (-)

#### 59656-20-1 2,5-Bis(tert-dodcyldithio)-1,3,4-thiadiazol

Bioconcentration factor (BCF) 3.16 (fish)

· 12.4 Mobility in soil No further relevant information available.

#### · Additional ecological information:

##### · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

#### · 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· 12.6 Other adverse effects No further relevant information available.

### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation

Smaller quantities can be disposed of with household waste.

The waste code numbers mentioned are recommendations based on the probable use of the product.

##### · European waste catalogue

12 01 12*	spent waxes and fats
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##### · Uncleaned packagings:

##### · Recommendation:

Disposal must be made according to official regulations.

Dispose of packaging according to regulations on the disposal of packagings.

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#### SECTION 14: Transport information

- |   |                 |
|---|-----------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR,RID,ADN, ADN, IMDG, IATA</b>                                    | Void            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR,RID,ADN, ADN, IMDG, IATA</b>                      | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR,RID,ADN, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>14.4 Packing group</b><br>· <b>ADR,RID,ADN, IMDG, IATA</b>                                     | Void            |
| · <b>14.5 Environmental hazards:</b>  | Not applicable. |
| · <b>14.6 Special precautions for user</b>  | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>                    | Not applicable. |
| · <b>UN "Model Regulation":</b>   | Void            |

#### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H304 May be fatal if swallowed and enters airways.  
H412 Harmful to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** Abteilung Produktsicherheit
- **Abbreviations and acronyms:**  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Asp. Tox. 1: Aspiration hazard, Hazard Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3