

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version 1.0 (en)

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

1.1 Product identifier

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 Trade name/designation

MB-Freigabe-Nr **Product category** PC-TEC-11 Lubricants, greases, release agents

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

Use of the substance/mixture

Motor oil MS-LOG ISTIC. Uses advised against

This product should not be used for other purposes than those specified without the advice of an expert.

1.3 Details of the supplier of the safety data sheet

MB România S.R.L. +40 21 2004 555 Şos. Bucureşti Nord nr. 15-23 Ó77190 Volúntari

Rustrans-Logistic.ru



Manufacturer

Mercedes-Benz AG ans-Logistic.ru

70546 Stuttgart Germany

Telephone +49 711 17-0 E-mail (competent person): mercedes-benz-sdb@daimler.com

1.4 Emergency telephone number



+49 711 17-0

gms.aftersales.mercedes-benz.com

ans-Logistic.ru



SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Rustrans-Logistic.ru

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].



ns-Logistic.ru







Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version 1.0 (en)

2.2 Label elements UMPOPTHEE MA

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements

P102 Keep out of reach of children.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains C14-16-18 alkyl phenol. May produce an allergic reaction. EUH210 Safety data sheet available on request.

2.3 Other hazards

Other adverse effects

Special danger of slipping by leaking/spilling product.

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Description s-Logistic ru

Severely refined mineral and/or synthetic oils, additives.

Hazardous ingredients

Concentration CAS No. EC No. Substance name

Rustrans-Logistic.ru

64742-54-7 265-157-1

Distillates (petroleum), hydrotreated heavy paraffinic 40 < 50 %

according to Regulation (EC) No 1272/2008 [CLP]

Classification

Asp. Tox. 1; H304 ATE(oral): ≥ 5001

Rustrans-Logistic.ru

'ans-Logistic.ru

mg/kg ´ ATE(dermal): ≥ 3001 mg/kg ATE(inhalation vapour): 5.53

SCL/ M/ ATE

mg/L

1190625-94- 931-468-2

Rustrans-Logistic.ru

C14-16-18 alkyl phenol

0 1 < 0 25 %

Skin Sens. 1B; H317

STOT RE 2; H373

REACH No.

01-2119484627-25

Substance name

Distillates (petroleum), hydrotreated heavy paraffinic

01-2119498288-19 C14-16-18 alkyl phenol

The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346

Rustrans-Logistic.ru

ıstrans-Logistic.ru





















Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version 1.0 (en)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated, saturated clothing immediately

Following inhalation

Provide fresh air.

In the event of symptoms refer for medical treatment.



Following skin contact

After contact with skin, wash immediately with plenty of water and soap

In case of skin irritation, consult a physician.



After eye contact

Remove contact lens

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion

Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

No data available



4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.



SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media alcohol resistant foam Extinguishing powder Carbon dioxide (CO2) Water spray jet





Unsuitable extinguishing media

Full water jet



5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire formation of dangerous gases possible.

5.3 Advice for firefighters THЫЕ МАСЛА



.oaistic.ru

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.





Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version 1.0 (en)



Co-ordinate fire-fighting measures to the fire surroundings.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Cool endangered containers with water spray and possibly remove them from fire site.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Avoid skin and eye contact.

Use personal protection equipment.

Special danger of slipping by leaking/spilling product.

For emergency responders

Personal protection equipment

Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter into surface water or drains.

Prevent spread over a wide area (e.g. by containment or oil barriers)

Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

For containment

Collect with spongy material (all-purpose gelation agent) and dispose of in compliance with the regulations.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

Rustrans-Logistic.ru

SECTION 7: Handling and storage



7.1 Precautions for safe handling

Protective measures

Avoid:

generation/formation of aerosols

Provide for appropriate ventilation/aspiration at the work station

Do not heat up to temperatures close to the flash point.

All work processes must always be designed so that the following is as low as possible:

Skin contact

Eye contact

Do not put any product-impregnated cleaning rags into your trouser pockets







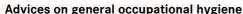


Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version



Thorough skin-cleansing after handling the product. Apply skin care products after work. When using do not eat, drink, smoke, sniff. Keep away from food and drink.

Use protective skin cream before handling the product.



7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

ustrans-Logistic.ru Storage class

10 Combustible liquids that cannot be assigned to any of the above storage classes

Do not store together with: Food and feedingstuffs

Further information on storage conditions

Keep container tightly closed and protected against effects of weather in a cool, appropriately aerated area. Protect against:

Heat

ns-Logistic.ru

UV-radiation/sunlight

Materials to avoid

≀ustrans-Logistic.ru 7.3 Specific end use(s)

Recommendation

See section 1.2



Rustrans-Logistic.ru



rans-Logistic.ru

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL worker

CAS No. Substance name	DNEL value	DNEL type	Remark	
64742-54-7 Distillates (petroleum),	5.4 mg/m³ long-term inhalative (local)		ative (local)	Rustrans-Lo
hydrotreated heavy paraffinic				

DNEL Consumer

CAS No.	Substance name	DNEL value	DNEL type	Remark
64742-54-7	Distillates (petroleum), hy <mark>dr</mark> otreated heavy paraffinic	1.2 mg/m ³	long-term inhalative (loca	trans-Logistic.ru
PNEC				

CAS No.	Substance name	PNEC Value	PNEC type	Remark	
64742-54-7	Distillates (petroleum),	9.33 mg/kg	Secondary Poisoning	, Nahrung	
Dustran	hydrotreated heavy paraffinic	Duct	rans-Logistic	ru	

8.2 Exposure controls ПОРТНЫЕ МАСЛА

Appropriate engineering controls

Technical measures to prevent exposure

Sufficient ventilation and exhaustion.







Rustrans-L

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5
This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version 1.0 (en)

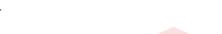


ns-Logistic.ru

Personal protection equipment

Eye/face protection

Safety glasses recommended during transfer EN 166



Rustrans-Logistic.ru

Hand protection

Glove materials data [type, thickness, breakthrough time/duration of use, permeation rate]: Nitrile rubber (protection index 6, >480 min, 0.4 mm)

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and. the resultant standard EN374.

Rustrans-Logistic.ru

Body protection:

Protective clothing

Respiratory protection Rustrans-Logistic.ru

Respiratory protection necessary at: insufficient exhaust

prolonged exposure

Suitable respiratory protection apparatus:

Filtering device (full mask or mouthpiece) with filter:

Rustrans-Logistic.ru

Rustrans-Logistic



SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

Sliquid

Rustrans-Logistic.ru оригинальные импортные масла











		Value	Method	Source, Remark	
odis	Odour threshold:	not determined	II DI	ıstrans-Logistic.ru	
DODTIN	Melting point/freezing point	not determined		USCI ATTS-LOGISCIC.I A	
	Boiling point or initial boiling point and boiling range	> 300 °C	ASTM D1120		
	flammability	not determined			
	Lower and upper explosion limit	not determined	rans-l ogisti	c.ru Rustrans	_
	Flash point	232 °C	ASTM D 93	MACTA CONTINUA TENES	LIAN
	Auto-ignition temperature	not determined			
	Decomposition temperature	not determined			
	Hq	in delivery state		not applicable	



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020

Version

Viscosity

kinematic 85 cSt (40°C)

ASTM D445

Method

Water solubility Solubility(ies)

practically insoluble

Partition coefficient noctanol/water (log value)

Density and/or relative density

Vapour pressure

not determined

particle characteristics THUE MACHANOT determined ОРИГИНАЛЬНЫЕ ИМПОРТНЫЕ МАСНА

not determined

 $0.856 \text{ g/cm}^3 (15^{\circ}\text{C})$ **ASTM D 4052**

Relative vapour density Sill Collinot determined Relative vapour density

Source, Remark

9.2 Other information

Other safety characteristics

Explosive properties:

Source, Remark The product is not explosive

Other information none

Rustrans-Logistic.ru SECTION 10: Stability and reactivity



10.1 Reactivity

No hazardous reactions known.

10.2 Chemical stability

Rustrans-Logistic.ru

Rustrans-Logistic.ru

THE The product is ch<mark>emically</mark> stable under recommended conditions of storage, use and temperature. E импортные масла

10.3 Possibility of hazardous reactions

No hazardous reactions known.



10.4 Conditions to avoid ортные масла

Heat High temperatures

10.5 Incompatible materials

Oxidising agent, strong Strong acids Strong bases

10.6 Hazardous decomposition products

Carbon monoxide Carbon dioxide Phosphorus compounds Hydrogen sulfide (H2S) Nitrogen oxides (NOx)





ns-Loaistic.ru







Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version

Additional information

ns-Logistic.ru

No risk of production of decomposition products when appropriately handled and stored



Rustrans-Logistic.ru

SECTION 11: Toxicological information S-LOGISTIC. TU

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



Acute inhalation toxicity

Distillates (petroleum), инальные импортные hydrotreated heavy paraffinic Acute inhalation toxicity (vapour) LC50: 5.53 mg/L Species

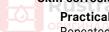


Assessment/classification

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



Skin corrosion/irritation



Practical experience/human evidence

Repeated or prolonged contact with the skin may cause skin irritation.



Animal data

Result / Evaluation Method Source, Remark Assessment/classification

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



Serious eye damage/irritation

Animal data Result / Evaluation

Rustrans-Logistic.ru



Assessment/classification

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









Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version



Assessment/classification

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

Skin sensitisation Assessment/classification

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

Germ cell mutagenicity

Assessment/classification

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

Carcinogenicity

ns-Logistic.ru

Assessment/classification

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

Reproductive toxicity

Assessment/classification

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

Rustrans-Logistic.ru Overall Assessment on CMR properties

This product does not meet the criteria for classification in Categories 1A/1B. PTH MECHA

STOT-single exposure

S Assessment/classification | SUI an S-LOGISTIC ... U

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

STOT SE 3 Irritation to respiratory tract

Assessment/classification

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

Narcotic effects Assessment/classification

Based on available data, the classification criteria are not met

STOT-repeated exposure

ns-Logistic.ru

Assessment/classification

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

Aspiration hazard LOGISTIC.ru

Assessment/classification MACTIA

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

Rustrans-Logistic.ru

ıstrans-Logistic.ru

rans-Logistic.ru





















Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version 1.0 (en)

11.2 Information on other hazards

Other information

Risk of eye and respiratory tract irritation due to high temperatures of vapours and oil mist In case of swallowing, irritations of the gastric mucous membrane, nausea, vomiting and diarrhoea may occur.

SECTION 12: Ecological information

Chronic (long-term) fish toxicity

Chronic (long-term) toxicity to

Chronic (long-term) toxicity to

aquatic algae and cyanobacteria

and cyanobacteria

12.1 Toxicity

Aquatic toxicity

crustacea

Effective dose Method, Evaluation Acute (short-term) fish toxicity CAS No.64742-54-7 **OECD 203** Distillates (petroleum),

> hydrotreated heavy paraffinic LL50 > 100 mg/L Species Pimephales promelas (fathead minnow) Test duration 96 h

CAS No.64742-54-7 Distillates (petroleum), hydrotreated heavy

paraffinic NOEC 1000 mg/L Species

Oncorhynchus mykiss (Rainbow trout) Test duration 14 d

Acute (short-term) toxicity to CAS No.64742-54-7 Distillates (petroleum), hydrotreated heavy

paraffinic EC50 > 10000 mg/L Species Daphnia pulex (water flea)

not determined

Test duration 48 h

aquatic invertebrate OPTHISE Acute (short-term) toxicity to algae CAS No.64742-54-7

Distillates (petroleum), hydrotreated heavy paraffinic

EC50 > 100 mg/L Species Pseudokirchneriella subcapitata (green alga) Test duration 72 h

not determined

Toxicity to other aquatic not determined plants/organisms/

Toxicity to microorganisms not determined

OECD 202

Rustrans-Logistic.ru ns-Logistic.ru





Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5 This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version

Rustrans-Logistic.ru

The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

ans-Logistic.ru

12.6 Endocrine disrupting properties

No data available

Rustrans-Logistic.ru 12.7 Other adverse effects

Additional ecotoxicological information

Additional information

Product is not allowed to be discharged into the ground water or aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Dispose of waste according to applicable legislation.



The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. PTHb

SECTION 14: Transport information

Land transport (ADR/RID) Sea transport (IMDG) Air transport (ICAO-TI / IATA-

14.1 UN number or ID number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards HE MO





14.6 Special precautions for user

No data available







Rustrans-L

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

A 000 989 86 06 17 AAEE

Mercedes-Benz Genuine Engine Oil SAE 5W-40 MB 229.5
This item is no longer produced, but stocks are still available. The safety data sheet is no longer being updated.

Revision date 05.06.2020 Version 1.0 (en)

14.7 Maritime transport in bulk according to IMO instruments АЛЬНЫЕ ИМПОРТНЫЕ МАСЛ

ОРИГИНАЛЬНЫЕ И

All transport carriers

not applicable

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR. S-LOGISTIC. TU

SECTION 15: Regulatory information

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

No data available

15.2 Chemical Safety Assessment

Substance safety analysis was not performed for this mixture.



ustrans-Logistic.ru

SECTION 16: Other information

Indication of changes

Current safety data sheets are available at: http://gms.aftersales.daimler.com



Abbreviations and acronyms

See overview table at www.euphrac.eu



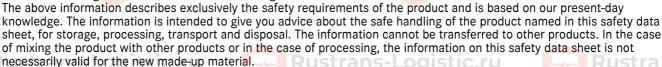


Key literature references and sources for data

Safety data sheets of suppliers

Additional information Rustrans-Logistic.ru

Adhere to existing national and local rules referring to chemicals.





Relevant H- and EUH-phrases (Number and full text)

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

May cause damage to organs through prolonged or repeated exposure.







s-Logistic.ru



