

according to Regulation (EC) No 1907/2006

## MOTOR GOLD Performance Truck SAE 10W-40

Print date: 04.12.2017

Product code: 157942MG

Page 1 of 8

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

#### 1.1. Product identifier

MOTOR GOLD Performance Truck SAE 10W-40

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

##### Uses advised against

No uses known.

#### 1.3. Details of the supplier of the safety data sheet

Company name: AVISTA OIL Deutschland GmbH  
 Street: Bahnhofstraße 82  
 Place: D-31311 Uetze  
 Telephone: +49 5177 / 85 - 0  
 e-mail: info@avista-oil.de  
 Internet: www.avista-oil.de  
 Responsible Department: Produktmanagement (msds@avista-oil.de)

#### 1.4. Emergency telephone number:

Poison Center North (GIZ) pharmacological toxicological service centre of the University of Göttingen Robert-Koch-Straße 40 D-37075 Göttingen + 49 (0) 551 19240 (24 h / d)  
 This number is serviced during office hours.:  
 Mo - Do 9 - 15 h, Fr 9 - 12 h  
 +49 5177 / 85 - 100

#### Further Information

Mixtures must not be registered according to REACH (article 2.7 d). REACH registration numbers of dangerous substances in this mixture (if available): See item 3.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:  
 Serious eye damage/eye irritation: Eye Irrit. 2  
 Hazardous to the aquatic environment: Aquatic Chronic 3  
 Hazard Statements:  
 Causes serious eye irritation.  
 Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

Signal word: Warning

##### Pictograms:



##### Hazard statements

H319 Causes serious eye irritation.  
 H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P264 Wash hands thoroughly after handling.  
 P273 Avoid release to the environment.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### MOTOR GOLD Performance Truck SAE 10W-40

Print date: 04.12.2017

Product code: 157942MG

Page 2 of 8

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P501 Dispose of contents/containers in accordance with the regulations of waste disposal.

#### Special labelling of certain mixtures

EUH208 Contains Long chain alkaryl sulfonate, calcium salts. May produce an allergic reaction.

#### 2.3. Other hazards

Product can build up a film on the water surface which can inhibit the oxygen exchange. See also sections 11, 12 and 15.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Additive, mineral oil.

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic			20 - < 25 %
	265-157-1		01-2119484627-25	
	Asp. Tox. 1; H304			
72623-87-1	Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based			20 - < 25 %
	276-738-4		01-2119474889-13	
	Asp. Tox. 1; H304			
Polymer	Polyolefine polyamine succinimide, Polyol			2.5 - < 5 %
	Aquatic Chronic 4; H413			
Confidential	Branched alkyl phenoxide sulfide, calcium salt			1 - < 2.5 %
	291-829-9		01-2119524004-56	
	Aquatic Chronic 4; H413			
68649-42-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts			1 - < 2.5 %
	272-028-3		01-2119557973-23	
	Eye Dam. 1, Aquatic Chronic 2; H318 H411			
722503-68-6	Long chain alkaryl sulfonate, calcium salts			0.5 - < 1 %
	Skin Sens. 1, Aquatic Chronic 4; H317 H413			
Polymer	Branched alkylphenole and branched alkylphenole, calcium salt			0.1 - < 0.5 %
	Repr. 1B, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 1; H360 H315 H319 H410			

Full text of H and EUH statements: see section 16.

#### Further Information

The mixture contains either the substance with CAS 265-157-1 or the substance with the CAS 276-738-4.  
 All concentrations are quoted as mass percentages for liquids and volume percentages for gases. Other substances which are not classified as dangerous are contained up to 100 %.  
 Full text of R- and H-phrases: see section 16.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### MOTOR GOLD Performance Truck SAE 10W-40

Print date: 04.12.2017

Product code: 157942MG

Page 3 of 8

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

In all cases of doubt, or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

###### After inhalation

Remove casualty to fresh air and keep warm and at rest. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

###### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated clothing immediately and dispose off safely. In case of skin irritation, seek medical treatment.

###### After contact with eyes

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

###### After ingestion

Do NOT induce vomiting. Call a physician immediately. Aspiration hazard:

##### 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

No data available.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>).  
Foam.  
Dry extinguishing powder.  
Use water spray jet to protect personnel and to cool endangered containers.

###### Unsuitable extinguishing media

Water.

##### 5.2. Special hazards arising from the substance or mixture

The formation of combustible vapours is possible at temperatures above: Flash point.  
Hot product may produce flammable vapours.

In case of fire may be liberated:

Pyrolysis products, toxic.  
hydrocarbons.  
Carbon dioxide.  
Carbon monoxide.  
Hydrogen sulphide (H<sub>2</sub>S).  
Nitrogen oxides (NO<sub>x</sub>).  
Phosphorus oxides.  
Smoke.

##### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.  
Full protective suit.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

###### Additional information

B: Burning liquid or melting substances.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### MOTOR GOLD Performance Truck SAE 10W-40

Print date: 04.12.2017

Product code: 157942MG

Page 4 of 8

#### SECTION 6: Accidental release measures

##### **6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation as well as local exhaust at critical locations.  
Keep away from sources of ignition. - No smoking.  
Avoid contact with skin and eyes.  
Conditions to avoid: Inhalation.  
Do not put any product-impregnated cleaning rags into your trouser pockets.  
High slip hazard because of leaking or spilled product.

##### **6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers).  
Do not empty into drains.  
If product enters soil, it will be mobile and may contaminate groundwater.

##### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Treat the recovered material as prescribed in the section on waste disposal.

##### **6.4. Reference to other sections**

See section 8 & 13.

#### SECTION 7: Handling and storage

##### **7.1. Precautions for safe handling**

###### **Advice on safe handling**

See section 6.1  
Avoid contact with skin and eyes.  
Keep away from sources of ignition. - No smoking.  
Wash hands before breaks and after work.  
All work processes must always be designed so that the following is excluded:  
Generation/formation of mist

###### **Advice on protection against fire and explosion**

Take precautionary measures against static discharges.

###### **Further information on handling**

Do not put any product-impregnated cleaning rags into your trouser pockets.  
The formation of combustible vapours is possible at temperatures above: Flash point

##### **7.2. Conditions for safe storage, including any incompatibilities**

###### **Requirements for storage rooms and vessels**

Keep/Store only in original container.

###### **Advice on storage compatibility**

Do not store together with:  
Spontaneous combustion.

###### **Further information on storage conditions**

Protect from moisture.  
Keep in a cool place.  
Keep only in the original container at temperature not exceeding 50 °C.

##### **7.3. Specific end use(s)**

Observe technical data sheet.

#### SECTION 8: Exposure controls/personal protection

##### **8.1. Control parameters**

##### **8.2. Exposure controls**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### MOTOR GOLD Performance Truck SAE 10W-40

Print date: 04.12.2017

Product code: 157942MG

Page 5 of 8

#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

#### Protective and hygiene measures

Take off immediately all contaminated clothing.

Wash hands before breaks and after work. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

#### Eye/face protection

Tightly sealed safety glasses.

German Industry Norms (DIN) / European Norms (EN): DIN EN 166

#### Hand protection

Examples of suitable protective gloves from the company KCL GmbH, D-36124 oak cellular, phone +49 (0) 6659 87300, E-mail are: [vertrieb@kcl.de](mailto:vertrieb@kcl.de) with the following specification (test according to EN 374

In full contact / splash contact:

Camatril (Item no.: 731; material: nitrile, Minimum coat thickness: 0.33 mm, Breakthrough time: 480 min)

Dermatril (Item no.: 740; material: nitrile, Minimum coat thickness: 0.11 mm, Breakthrough time: 30 min)

The selected protective gloves have to satisfy the specifications of EU Directive 89/686 / EEC and the resultant standard EN374. The breakthrough times stated above are based on laboratory measurements of KCL to EN374 and are only authoritative for the recommended glove types.

Protect skin by using skin protective cream.

#### Skin protection

The type of personal protection equipment has to be chosen based on the concentration and amount of the dangerous substance at the workplace. For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Chemical resistant safety shoes. with lead protection cap.

German Industry Norms (DIN) / European Norms (EN): DIN EN 344

#### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Generation/formation of mist: Filtering device with filter or ventilator filtering device of type: A-P2.

#### Environmental exposure controls

Technical measures to prevent exposure.

Organisational measures to prevent exposure.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	yellow, brown
Odour:	characteristic

#### Test method

#### Changes in the physical state

Initial boiling point and boiling range:	> 320 °C
Flash point:	> 210 °C DIN ISO 2592
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	6,5 vol. %
Ignition temperature:	> 250 °C ASTM E 659
Density (at 15 °C):	0,862 - 0,872 g/cm <sup>3</sup> DIN 53217

#### Solubility in other solvents

insoluble in: Water.

Viscosity / kinematic: (at 100 °C)	14,5 mm <sup>2</sup> /s DIN 51562
---------------------------------------	-----------------------------------

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### MOTOR GOLD Performance Truck SAE 10W-40

Print date: 04.12.2017

Product code: 157942MG

Page 6 of 8

#### 9.2. Other information

No data available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

See section 9.

#### 10.2. Chemical stability

If product is stored and handled as prescribed it is stable.

#### 10.3. Possibility of hazardous reactions

The formation of combustible vapours is possible at temperatures above: Flash point

#### 10.4. Conditions to avoid

Oxidizing agents, strong.

#### 10.5. Incompatible materials

No data available.

#### 10.6. Hazardous decomposition products

See section 5.3.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Toxicokinetics, metabolism and distribution**

There are no data available on the preparation/mixture itself.

##### **Acute toxicity**

Classification: none.

The classification was carried out according to the calculation method of the regulation (EC) 1272/2008 [CLP].

##### **Irritation and corrosivity**

Classification: none.

The classification was carried out according to the calculation method of the regulation (EC) 1272/2008 [CLP].

##### **Sensitising effects**

Classification: none.

Frequently or prolonged contact with skin may cause dermal irritation.

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

##### **STOT-repeated exposure**

Classification: none.

The classification was carried out according to the calculation method of the regulation (EC) 1272/2008 [CLP].

##### **Specific effects in experiment on an animal**

There are no data available on the preparation/mixture itself.

##### **Additional information on tests**

Frequently or prolonged contact with skin may cause dermal irritation.

### SECTION 12: Ecological information

#### 12.1. Toxicity

There are no data available on the preparation/mixture itself.

Classification: none.

The classification was carried out according to the calculation method of the regulation (EC) 1272/2008 [CLP].

#### 12.2. Persistence and degradability

Not easily bio-degradable (according to OECD-criteria).

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### MOTOR GOLD Performance Truck SAE 10W-40

Print date: 04.12.2017

Product code: 157942MG

Page 7 of 8

Product is not easily biodegradable. (Data apply to the main component.)

#### **12.3. Bioaccumulative potential**

There are no data available on the preparation/mixture itself.

#### **12.4. Mobility in soil**

There are no data available on the preparation/mixture itself.

#### **12.5. Results of PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

#### **12.6. Other adverse effects**

Effects in sewage plants: Mechanical separation in a suitable sewage plant is possible.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

Observe mixture permissions according to "Altölverordnung (Waste oil directive)".

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

##### **Waste disposal number of waste from residues/unused products**

130205 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils  
Classified as hazardous waste.

##### **Waste disposal number of used product**

130205 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils  
Classified as hazardous waste.

##### **Waste disposal number of contaminated packaging**

130205 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils  
Classified as hazardous waste.

##### **Contaminated packaging**

Dispose of waste according to applicable legislation.

Non-contaminated packages may be recycled.

Packing which cannot be properly cleaned must be disposed of.

### SECTION 14: Transport information

#### **Other applicable information**

No dangerous good in sense of these transport regulations.

### SECTION 15: Regulatory information

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

##### **EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### MOTOR GOLD Performance Truck SAE 10W-40

Print date: 04.12.2017

Product code: 157942MG

Page 8 of 8

#### National regulatory information

Water contaminating class (D): 2 - water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H360	May damage fertility or the unborn child.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains Long chain alkaryl sulfonate, calcium salts. May produce an allergic reaction.

#### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*