

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 01.12.2025

Version number 1.00

Revision: 28.11.2025

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

#### 1.1 Product identifier

Trade name: **ADRENALIN R600 5W-30 EVO**

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

No further relevant information available.

**Application of the substance / the mixture** Motor Oil

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

##### Manufacturer/Supplier:

CLASSIC Schmierstoff GmbH & Co. KG

Lange Straße 100-106

D-27318 HOYA

GERMANY

Phone: +49 (4251) - 8120

products@classic-oil.de

**Further information obtainable from:** product management

**1.4 Emergency telephone number:** 24-hour emergency contact number : +1 872 5888271 (CSG)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

##### Hazard pictograms



GHS09

**Signal word** Warning

##### Hazard statements

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.

P391 Collect spillage.

##### Additional information:

Contains: amines bis(C11-C14) alkyl) tungstates. May produce an allergic reaction.

#### 2.3 Other hazards

##### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Determination of endocrine-disrupting properties** No ingredient is listed.

EU

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Description:

Mixture of substances listed below with nonhazardous additions.  
Preparation of synthetic oils and additives.

##### Dangerous components:

CAS: 64742-54-7 EINECS: 265-157-1 Reg.nr.: 01-2119484627-25	Mineral oil, DMSO extract < 3%, viscosity < 20.5 mm <sup>2</sup> /s ⚠ Asp. Tox. 1, H304	≥25-≤100%
CAS: 68037-01-4 NLP: 500-183-1 Reg.nr.: 01-2119486452-34	1-decenes, homopolymer, treated with hydrogen	≥2.5-≤25%
CAS: 36878-20-3 EINECS: 253-249-4 Reg.nr.: 01-2119488911-28	Reaction product of aminobenzene , N-phenol and branched nonane Aquatic Chronic 4, H413	≤2.5%
CAS: 1159919-46-6 EC number: 700-718-0 Reg.nr.: 01-2119949643-29	amines bis(C11-C14) alkyl tungstates ⚠ Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317	≥0.025-<0.1%

##### Additional information:

The addition of the highest concentrations listed here can result in a classification. Only if this classification is listed in section 2 does it apply to the product as a whole. In all other cases the total concentration is below the classification limits.

For the wording of the listed hazard phrases refer to section 16.

For all ingredients , in which no REACH registration number has been specified , they are exempt from registration

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:** First aiders: Pay attention to self-protection!

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

##### After skin contact:

After contact with skin, wash immediately with soap and water.

If skin irritation continues, consult a doctor.

##### After eye contact:

Rinse opened eye for several minutes under running water.

Remove any existing contact lenses if possible.

If irritation, blurred vision or swelling persists, seek medical advice from a specialist.

**After swallowing:** If symptoms persist 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

First aid, decontamination, symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

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### 5.3 Advice for firefighters

**Protective equipment:** In case of fire: Use self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

Avoid contact with skin and eyes.

Particular danger of slipping on leaked/spilled product.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

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

Do not allow to enter sewers/ surface or ground water.

### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Pick up 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 disposal information.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling** No special precautions are necessary if used correctly.

**Information about fire - and explosion protection:** No special measures required.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:**

Keep container tightly closed in a dry, cool and well-ventilated place.

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

Do not store together with: Foodstuffs and animal feed, water.

**Further information about storage conditions:** Store only in original containers.

**Recommended storage temperature:**

Store at +5°C to +35°C.

Store frost-free and protect from direct sunlight!

**Storage class:** 10

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

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients 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

**CAS: 64742-54-7 Mineral oil, DMSO extract < 3%, viscosity < 20.5 mm<sup>2</sup>/s**

Oral	DNEL(long/systemic)	0.74 mg/kg bw/d (Consumer)
Dermal	DNEL(long/systemic)	0.97 mg/kg bw/d (worker)
Inhalative	DNEL(long/systemic)	2.73 mg/m <sup>3</sup> (worker)
	DNEL (long/local)	5.58 mg/m <sup>3</sup> (worker)
		1.19 mg/m <sup>3</sup> (Consumer)

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### PNECs

**CAS: 64742-54-7 Mineral oil, DMSO extract < 3%, viscosity < 20.5 mm<sup>2</sup>/s**

PNEC 9.33 mg/Kg (Predator)

### Additional information:

The data sheets of the upstream suppliers and lists valid at the time of production serve as a basis.

### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Use skin protection cream for skin protection.

Do not carry product impregnated cleaning cloths in trouser pockets.

**Respiratory protection:** Not necessary if room is well-ventilated.

### Hand protection

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Oil resistant gloves

Check protective gloves for proper condition before each use.

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

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability.

Preventive skin protection by use of skin-protecting agents is recommended.

After use of gloves apply skin-cleaning agents and skin cosmetics.

### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile

Recommended material thickness: > 0.2 mm

### 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.

>480min

**For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**

Nitrile

**For the permanent contact gloves made of the following materials are suitable:** Nitrile

**As protection from splashes gloves made of the following materials are suitable:** Nitrile

**Eye/face protection** Goggles recommended during refilling

### Body protection:

Protective clothing: Personal protective equipment must be selected depending on the activity and possible exposure.

### Environmental exposure controls

Avoid release into the environment. Do not allow uncontrolled release of the product into the environment.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

**Physical state**

Liquid

**Colour:**

Brown

**Odour:**

Mineral-oil-like

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<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	230 °C (ISO 2592 (COC))
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity at 40 °C</b>	67.5 mm <sup>2</sup> /s (DIN 51 562) 11.9 mm <sup>2</sup> /s (DIN 51 562)
<b>Dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 15 °C:</b>	0.851 g/cm <sup>3</sup> (DIN 51 757)
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Particle characteristics</b>	Does not apply to liquids.

### 9.2 Other information

<b>Appearance:</b>	
<b>Form:</b>	Liquid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Change in condition</b>	
<b>Drip point:</b>	
<b>Pour point</b>	-45 °C
<b>Evaporation rate</b>	Not determined.

### Information with regard to physical hazard classes

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void

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Desensitised explosives

Void

### 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 hazard classes as defined in Regulation (EC) No 1272/2008**

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

**LD/LC50 values relevant for classification:**

**CAS: 64742-54-7 Mineral oil, DMSO extract < 3%, viscosity < 20.5 mm<sup>2</sup>/s**

Oral	LD50 oral	>5,000 mg/kg (Rat)
Dermal	LD50 dermal	>2,000 mg/kg (rabbit)
Inhalative	LC50/4h	>5.53 mg/l (Rat)

**CAS: 68037-01-4 1-decenes, homopolymer, treated with hydrogen**

Oral	LD50 oral	>5,000 mg/kg (Rat)
Dermal	LD50 dermal	>2,000 g/m <sup>3</sup> (Rat)
Inhalative	LC50/4h	>5 mg/l (Rat)

**CAS: 36878-20-3 Reaction product of aminobenzene , N-phenol and branched nonane**

Oral	LD50 oral	>5,000 mg/kg (Rat)
Dermal	LD50 dermal	>2,000 mg/kg (Rat)

**CAS: 1159919-46-6 amines bis(C11-C14) alkyl) tungstates**

Oral	LD50 oral	>5,000 mg/kg (Rat)
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**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.

**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.

**Additional toxicological information:**

**CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**

The product contains less than 3 % DMSO extract (method IP346). Therefore, the mineral oils used are not labelled as carcinogenic according to Note L of Annex I of the current EC Regulation on classification and labelling of substances (67/548/EEC incl. all adaptations).

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### 11.2 Information on other hazards

#### Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

**CAS: 64742-54-7 Mineral oil, DMSO extract < 3%, viscosity < 20.5 mm<sup>2</sup>/s**

EL50 >10,000 mg/l /48 h (Daphnia magna)

LC50 >100 mg/L /96 h (Fish)

IC50 >100 mg/L /72 h (algae)

**CAS: 68037-01-4 1-decenes, homopolymer, treated with hydrogen**

EC50 >1,000 mg/L (Selenastrum capricornutum)

LC50 >750 mg/L /96 h (Fish)

**CAS: 1159919-46-6 amines bis(C11-C14) alkyl) tungstates**

NOEC 0.00015 mg/L /72 h (algae)

NOEL >100 mg/L /96 h (Fish)

EC50 0.00088 mg/L /72 h (algae)

0.019 mg/L /48 h (da)

LC50 >100 mg/L /96 h (Fish)

### 12.2 Persistence and degradability

**CAS: 64742-54-7 Mineral oil, DMSO extract < 3%, viscosity < 20.5 mm<sup>2</sup>/s**

Biological degradation 31 % /28 d

**CAS: 1159919-46-6 amines bis(C11-C14) alkyl) tungstates**

Biological degradation 31 % /14 d

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

### 12.7 Other adverse effects

#### Remark:

Very toxic to fish.

Toxic to fish.

#### Additional ecological information:

#### General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

Toxic for aquatic organisms

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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Delivery of waste oil to officially authorised collectors only.

**Waste disposal key:**

Since 1 January 1999, the waste code numbers have not only been product-related but essentially application-related. The waste code number valid for the application can be found in the European Waste Catalogue

**European waste catalogue**

13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
HP14	Ecotoxic

**Uncleaned packaging:**

**Recommendation:**

Disposal must be made according to official regulations.

Allocation of the waste code numbers must be realized under considerations of existing sector specifics and processes.

The above allocation is a recommendation for the disposal of the product after recommended use.

### SECTION 14: Transport information

**14.1 UN number or ID number**

ADR, IMDG, IATA

UN3082

**14.2 UN proper shipping name**

ADR

UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Organomolybdenum complex, amines bis(C11-C14) alkyl) tungstates)

IMDG

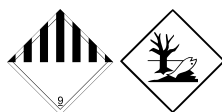
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Organomolybdenum complex, amines bis(C11-C14) alkyl) tungstates), MARINE POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Organomolybdenum complex, amines bis(C11-C14) alkyl) tungstates)

**14.3 Transport hazard class(es)**

ADR



Class

9 (M6) Miscellaneous dangerous substances and articles.

Label

9

IMDG, IATA



Class

9 Miscellaneous dangerous substances and articles.

Label

9

**14.4 Packing group**

ADR, IMDG, IATA

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### 14.5 Environmental hazards:

**Marine pollutant:** no  
Symbol (fish and tree)  
**Special marking (ADR):** Symbol (fish and tree)  
**Special marking (IATA):** Symbol (fish and tree)

### 14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.  
**Hazard identification number (Kemler code):** 90  
**EMS Number:** F-A,S-F  
**Stowage Category** A

### 14.7 Maritime transport in bulk according to IMO instruments

It is not the intention to carry out bulk transport.

### Transport/Additional information:

#### ADR

**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml  
**Transport category** 3  
**Tunnel restriction code** (-)

#### IMDG

**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

### UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ORGANOMOLYBDENUM COMPLEX, AMINES BIS(C11-C14) ALKYL) TUNGSTATES), 9, III

## SECTION 15: Regulatory information

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

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS09

#### Signal word Warning

#### Hazard statements

H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P273 Avoid release to the environment.  
P391 Collect spillage.

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### Directive 2012/18/EU

#### Named dangerous substances - ANNEX I

None of the ingredients are included.

None of the ingredients is listed.

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

#### DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

#### Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

#### Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

#### Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

#### Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

#### National regulations:

**Technical instructions (air):** Product is not listed by name. Note section 5.

**Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this 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.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

#### Classification according to Regulation (EC) No 1272/2008

Hazardous to the aquatic environment - short-term (acute) aquatic hazard  
Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

**Department issuing SDS:** product management

#### Abbreviations and acronyms:

ADR: Accord relatif au transport international 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)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Sens. 1A: Skin sensitisation – Category 1A

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

EU