

## SAFETY DATA SHEET

# MOBIL 1 SUPERCAR 5W50

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

#### 1.1. Product identifier

##### Trade name

MOBIL 1 SUPERCAR 5W50

##### ▼ Product no.

19433208 (1 QUART)

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

##### Relevant identified uses of the substance or mixture

Engine oil

##### Uses advised against

The product may only be used in accordance with the area of application specified above. If, nonetheless, the product is used outside the specified scope, please contact the supplier.

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

##### Company and address

**Klintberg & Way Parts AB**

Haukadalsgatan 5

164 40 KISTA

Sweden

+46 (0)8 6808800

www.kwparts.com

##### E-mail

info@kwparts.com

##### Revision

12/02/2024

##### SDS Version

1.1

##### Date of previous version

12/01/2024 (1.0)

#### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

### SECTION 2: Hazards identification

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

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### 2.2. Label elements

##### Hazard pictogram(s)

Not applicable.

##### Signal word

Not applicable.

##### Hazard statement(s)

Not applicable.

##### Precautionary statement(s)

General

-

Prevention

-

Response

-  
Storage

-  
Disposal

Hazardous substances

None known.

Additional labelling

EUH210, Safety data sheet available on request.

### 2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
C18-C50 branched, cyclic and linear hydrocarbons – Distillates	CAS No.: 848301-69-9 EC No.: 619-569-7 UK-REACH: Index No.:	25-50%	Asp. Tox. 1, H304	[19]
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	CAS No.: 68411-46-1 EC No.: 270-128-1 UK-REACH: Index No.:	<3%	Repr. 2, H361f Aquatic Chronic 3, H412	[19]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In case of uncertainty on how to treat an exposed person, call the National Poisons Information Service immediately.

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

#### Eye contact

To avoid irritation flush with soft water jet or eye wash fluid for at least 5 minutes. In case of persistent symptoms (intense burning, pain, sensitivity to light, visual disturbance) continue flushing and contact/seek a hospital or doctor.

#### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns

Not applicable.

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

None known.

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

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

#### 5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

### SECTION 6: Accidental release measures

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

Always wear gloves and protective clothing when in contact with chemical substances.

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

A risk assessment of the handling shall always be prepared based on the specific conditions prevailing at the workplace. The risk assessment shall be used as basis for preparing appropriate instructions for the safe handling of the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

##### Recommended storage material

Keep only in original packaging.

##### Storage temperature

Dry, cool and well ventilated

##### Incompatible materials

Strong oxidizing agents

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

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	220 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	440 µg/kgbw/day
Long term – Systemic effects - General population	Inhalation	80 µg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	310 µg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	50 µg/kgbw/day

#### PNEC

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		33.8 µg/L
Freshwater sediment		446 µg/kg
Intermittent release (freshwater)		510 µg/L
Marine water		3.38 µg/L
Marine water sediment		44.6 µg/kg
Predators		833 µg/kg
Sewage treatment plant		10 mg/L
Soil		17.6 mg/kg

C18-C50 branched, cyclic and linear hydrocarbons – Distillates

Route of exposure:	Duration of Exposure:	PNEC:
Sewage treatment plant	Continuous	100 mg/L
Sewage treatment plant		10 mg/L

### 8.2. Exposure controls

Apply general control to prevent unnecessary exposure

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

In case of simultaneous exposure to several air pollutants, their combined effects shall be considered. In assessing exposure conditions, the body weight and absorption of certain substances through the skin shall be taken into account in addition to the concentration of air pollutants in inhaled air. The person who plans and carries out the air pollution measurement shall have sufficient knowledge to do so. Measurements shall be taken using appropriate methods and equipment. Exposure measurements relate to conditions during normal operation. Where necessary, they shall also highlight the exposure under other conditions. Exposure measurements shall be taken in the breathing zone on a sufficient number of persons to make it possible to assess the exposure of all exposed persons.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

#### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

#### Measures to avoid environmental exposure


No specific requirements.

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

### Generally

Use only UKCA marked protective equipment.


### Respiratory Equipment

Type	Class	Colour	Standards	
Combination filter A + P3	If there is a risk of exposure to vapor or aerosol, use combination filter against organic gases and vapors (type A), and particulate filter (type P3).	Brown/White	P3 (EN 140, EN 143, EN 149)	

### Skin protection

Recommended	Type/Category	Standards
No special when used as intended.	-	-

### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,2	> 480	EN374-2, EN374-3, EN388	

### Eye protection

Type	Standards
No special when used as intended.	-

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Amber

#### Odour / Odour threshold

Petroleum

#### pH

No data available

#### Density (g/cm<sup>3</sup>)

0.85

#### Kinematic viscosity

119 centistokes (40 °C)

#### Particle characteristics

Not applicable

### Phase changes

#### Melting point/Freezing point (°C)

No data available

#### Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

#### Boiling point (°C)

>315

#### Vapour pressure

<0,1 mmHg (20 °C)

#### Relative vapour density

>2

#### Decomposition temperature (°C)

No data available

### Data on fire and explosion hazards

Flash point (°C)

230

Flammability (°C)

No data available

Auto-ignition temperature (°C)

No data available

Lower and upper explosion limit (% v/v)

0.9 - 7

Solubility

Solubility in water

Very slightly soluble

n-octanol/water coefficient (LogKow)

No data available

Solubility in fat (g/L)

No data available

9.2. Other information

Evaporation rate (n-butylacetate = 100)

No data available

Other physical and chemical parameters

No data available.

Oxidizing properties

No data available

## SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Soljus, hög temperatur och värmekällor

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## 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.

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 sensitisation

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

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

Due to the viscosity, this product does not present an aspiration hazard.

#### 11.2. Information on other hazards

##### Long term effects

None known.

##### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

##### Other information

The assessment of the properties of the constituents is based primarily on information in the ECHA database of registered substances, and the classification and labelling register.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No data available.

#### 12.2. ▼ Persistence and degradability

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

#### 12.3. ▼ Bioaccumulative potential

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

#### 12.4. Mobility in soil

No data available.

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

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

#### 12.7. Other adverse effects

The assessment of the properties of the constituents is based primarily on information in the ECHA database of registered substances, and the classification and labelling register.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

##### EWC code

13 02 06\* Synthetic engine, gear and lubricating oils

##### Specific labelling

Before handling waste, see Section 8, Exposure controls/personal protection. Contamination of the product with hazardous substances during use cannot be ruled out and therefore the properties of the waste do not fully correspond to those of the original product. It is therefore always the user's responsibility to classify the waste. Hazardous waste shall be transported to an approved waste facility by an authorised carrier.

##### Contaminated packing

##### EWC code

15 01 10\* Packaging containing residues of or contaminated by dangerous substances

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

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

No data available.

### SECTION 15: Regulatory information

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

##### Restrictions for application

No special.

##### Demands for specific education

No specific requirements.

##### SEVESO - Categories / dangerous substances

Not applicable.

##### Additional information

Not applicable.

##### Sources

The employer is obliged to continuously keep abreast of the current regulations pertaining to the activity in question.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

H304, May be fatal if swallowed and enters airways.

H361f, Suspected of damaging fertility.

H412, Harmful to aquatic life with long lasting effects.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals



IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

Not applicable.

#### ▼ The safety data sheet is validated by

Future Competence Sweden AB

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en