WAGNER Spezialschmierstoffe GmbH & Co. KG
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade Name	Classic Gear Oil SAE 250 mildly alloyed
Supplier	Wagner Spezialschmierstoffe GmbH & Co. KG Speckbrodi 8, D – 86759 Wechingen Tel. +49 (0)9085-96009-0 E-mail: wagner@wagner-german-oil.com www.wagner-german-oil.com
Responsible Division	Product Safety Tel. +49 9085 – 960-110
Emergency Telephone	Tel. +49 (0)9085-96009-0 (8:30 - 16:30) (Deutschland)
Information Centre Specializing in Symptoms of Poisoning	+43 1 406 43 43 (Österreich)

1.1 Product identifier
WAGNER Classic Gear Oil SAE 250 mildly alloyed

1.2 Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/preparation
Gear oil

Uses advised against
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Voluntary product information following the Safety Data Sheet format
This product is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2 Label elements

Labelling according to regulation (EC) No 1272/2008
The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

2.3 Other hazards
Product can form a film on the water surface that can prevent oxygen exchange. Refer to section 11, 12 and 15.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures
Chemical characterization
Mineral oil
Additive

Other information
Mixtures are not subject to registration.

4. FIRST AID MEASURES

4.1 Description of first aid measures
General information
In case of persistent symptoms consult doctor. Remove soiled or soaked clothing immediately, do not allow to dry. Never give anything by mouth to an unconscious person.

After inhalation
Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

After contact with skin
After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists. Remove contaminated clothing.

After contact with eyes
Separate eyelids, wash the eyes thoroughly with water (15 min.). Take medical treatment.

After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid
First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed
Until now no symptoms known so far.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media
Foam, Dry powder, Carbon dioxide, Water spray jet.

Extinguishing Media to Avoid
Full water jet.

5.2 Special hazards arising from the substance or mixture
In the event of fire the following can be released: Pyrolysis products; Hydrocarbons; Carbon dioxide (CO2); Carbon monoxide (CO); Hydrogen sulfide (H2S); Nitrogen oxides (NOx); Phosphorus oxides; Smoke.

5.3. Advice for firefighters
Special protective equipment for firefighting
In case of combustion use a suitable breathing apparatus. Wear full protective suit. Do not allow run-off from firefighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Exclude sources of ignition and ventilate the area. Avoid contact with skin, eyes and clothing. High risk of slipping due to leakage/spillage of product. Avoid breathing vapours.

6.2 Environmental precautions
Do not allow to enter drains or waterways. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up
Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4 Reference to other sections
Refer to protective measures listed in Sections 7 and 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Advice for safe handling
Avoid formation of oil dust. Hot product develops flammable vapours. Handle and open container with care. Avoid skin and eye contact.

Advice on protection against fire and explosion
Keep away from sources of heat and ignition. Do not smoke. Take precautionary measures against static discharge.

7.2 Conditions for safe storage, including any incompatibilities
Recommended storage temperature
Value < 50 °C

Requirements for storage rooms and vessels
Keep only in original packaging.

Hints on storage assembly
Keep away from flammable substances.

Storage class according to TRGS 510
Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions
Keep container tightly closed and dry. Keep in a cool place

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Exposure limit values
Distillates (petroleum), hydrotreated heavy paraffinic
List EU
Value 5 mg/m³

8.2 Exposure Controls

Exposure controls	Technical measures for preventing exposition. Organisational measures for preventing exposition. Provide adequate ventilation. The type of personal protective equipment must be selected depending on the concentration and quantity of the hazardous substance at the workplace.
General protective and hygiene measures	Observe the usual precautions for handling chemicals. Store work clothing separately. Wash hands before breaks and after work. Cloths contaminated with product should not be kept in trouser pockets. Do not eat, drink or smoke during work time.
Respiratory protection	Not necessary, but do not inhale vapours. In situations where misting or flying may occur use appropriate certified respirators. Short term: filter apparatus, Filter A/P2
Hand protection	For this purpose, protective gloves are suitable, for instance, made by the company KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail: vertrieb@kcl.de with the following specification (tested as per EN374): Camatril (Item No: 731; Material: Nitrile; Minimum layer thickness: 0.33 mm; Burst time: 480 min) Dermatril (Item No: 740; Material: Nitrile; Minimum layer thickness: 0.11 mm; Burst time: 30 min) The protective gloves to be used must comply with the specifications of the EU directive 89/686/EEC and the standard EN374 derived from it. The above-mentioned burst times are based on laboratory measurements of KCL made as per EN 374 and are applicable only for this KCL product. Preventive skin protection by protective skin ointment.
Eye protection	Tightly fitting safety glasses
Body protection	Clothing as usual in the chemical industry. Protective gloves resistant to chemicals

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	Liquid
Colour	Light yellow to brownish
Odour	Characteristic
pH value	Not applicable.
Melting point	No data available.
Initial boiling point/boiling range	> 320 °C
Flash point (DIN ISO 2592)	> 240 °C
Pour point (DIN/ISO 3016)	< -21 °C
Lower explosion limit	0.6 Vol.%
Upper explosion limit	6.5 Vol.%
Density (at 15 °C)	0.892 to 0.902 g/cm³
Solubility in water	Insoluble
Viscosity kinematic (at 40 °C)	663 mm²/s
Viscosity kinematic (at 100 °C)	40 mm²/s

10. STABILITY AND REACTIVITY

10.1 Reactivity
No hazardous reactions when stored and handled according to prescribed instructions.

10.2 Chemical stability
Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions
Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4 Conditions to avoid
Oxidising agents.

10.6 Hazardous decomposition products
Refer to section 5.3.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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

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

Acute inhalational 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.

Sensitization
Based on available data, the classification criteria are not met.
May cause sensitization by skin contact.

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

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

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

Specific Target Organ Toxicity (STOT)
Based on available data, the classification criteria are not met.

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

Other information
There are no details for the formulation/mixture itself.
It was classified in accordance with the calculation method of the directive (EC) No. 1272/2008 [CLP].

12. ECOLOGICAL INFORMATION

12.1 Toxicity

There are no data available on the mixture itself. The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment.

12.2 Persistence and degradability

General information
There are no data available on the mixture itself.

Biodegradability
The product is not readily biodegradable according to OECD criteria but is inherently biodegradable.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

Biodegradability
The product is not readily biodegradable according to OECD criteria but is inherently biodegradable.

12.4 Mobility in soil

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

12.5 Results of PBT and vPvB assessment

Evaluation of persistance and bioaccumulation potential
The product contains no PBT or vPvB substances.

12.6 Other adverse effects

General information / ecology

Do not discharge product unmonitored into the environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal recommendations for the product
The waste code numbers/waste designations are to be assigned in accordance with EWC with reference to industrial fields and processes.
Disposal as per EC directive 75/442/ECC and 91/689/ECC on waste and hazardous waste in the current versions as amended from time to time.
Dispose of waste according to applicable legislation.
EWC waste code 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils
Dispose of as hazardous waste.

Disposal recommendations for packaging
Packaging that cannot be cleaned should be disposed off as product waste.
Uncontaminated packaging may be taken for recycling.
Completely emptied packagings can be given for recycling.

14. TRANSPORT INFORMATION

Land transport ADR/RID

14.6 Special precautions for user
Non-dangerous goods

Marine transport IMDG/GGVSee

14.6 Special precautions for user
Non-dangerous goods

Air transport ICAO/IATA

14.6 Special precautions for user
Non-dangerous goods

15. REGULATORY INFORMATION

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

16. Further Information

The information in this SDS is correct to the best of our knowledge at the time of its publication. The information is intended to give you advice about the safe handling of the product named in this safety during storage, processing, transport and disposal. The details are not transferable to other products. The information given in this safety combination with any other materials or in any process, or undergoes processing, can use the information in this SDS, to the extent that it does not specifically indicate otherwise, are not transferred to the new made material. The material data referred to in item 9 are safety information, but no guarantees on properties. Warranties are excluded without clarification of the technical intended use and the operating conditions. If you have further questions, we are available.

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