

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

| | |
|--|---|
| Trade Name | Classic Gear Oil SAE 80 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 80 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

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

EUH208 Contains *** Amines, C10-14-tert-alkyl, May produce an allergic reaction.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

Supplemental information ***

EUH210 Safety data sheet available on request.

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

Hazardous ingredients (Regulation (EC) No. 1272/2008) ***

| CAS No. | Chemical name | | | Classification (Regulation (EC) No. 1272/2008) | Concentration limits (Regulation (EC) No. 1272/2008) |
|---------|--|------------------|--------------|---|---|
| | EINECS No. | Reg.No. | Conc. [%] | | |
| --- | Amines, C10-14-tert-alkyl | | | | |
| | 701-175-2 | 01-2119456798-18 | < 0.1 % | Skin Corr. 1B H314 Skin Sens. 1A H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 Eye Dam. 1 H318 | Aquatic Chronic 1 H410 M = 1 Aquatic Acute 1 H400 M = 1 |
| --- | C16-18-(even numbered, saturated and unsaturated)-alkylamines | | | | |
| | 627-034-4 | 01-2119473797-19 | ≥ 0.01<0.02% | Aquatic Acute 1 H400 Aquatic Chronic 1 H410 Asp. Tox. 1 H304 Skin Corr. 1B H314 Acute Tox. 4 H302 | Aquatic Chronic 1 H410 M = 10 Aquatic Acute 1 H400 M = 5 |

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| | | | | | | |
|--|--|--|--|------------|------|--|
| | | | | Eye Dam. 1 | H318 | |
| | | | | STOT SE 3 | H335 | |
| | | | | STOT RE 2 | H373 | |

Other information

All concentrations are units of weight percent for liquids, and unit of volume percent for gaseous products. Other substances that are not classified to be hazardous, up to 100%. Complete text of hazard statements in chapter 16. Mixtures are not subject to registration. The registration numbers of the ingredients in this mixture (if present) have been listed in item 3.

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.

4.3 Indication of any immediate medical attention and special treatment needed

Hints for the physician / treatment

Treat symptomatically

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 (NO_x); 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

Type Oil mist

Value 5 mg/m³

Remarks TWA

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

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| | |
|-------------------------------------|----------------------------------|
| Colour | Brown |
| Odour | Characteristic |
| pH value | Not applicable. |
| Melting point | No data available. |
| Freezing point | No data available. |
| Initial boiling point/boiling range | > 320 °C |
| Flash point (DIN ISO 2592) | > 210 °C |
| Pour point (DIN/ISO 3016) | < -27 °C |
| Lower explosion limit | 0.6 Vol.% |
| Upper explosion limit | 6.5 Vol.% |
| Density (at 15 °C) | 0.867 to 0.877 g/cm ³ |
| Solubility in water | Insoluble |
| Viscosity kinematic (at 40 °C) | 66.7 mm ² /s |
| Viscosity kinematic (at 100 °C) | 9.0 mm ² /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.

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 persistence 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

Non-dangerous goods.

14.1 UN number

UN –

14.2 UN proper shipping name

-

14.3 Transport hazard class(es)

Class –

14.4 Packing group

Packing group -

14.5 Environmental hazards

-

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

14.1 UN number

UN -

14.2 UN proper shipping name

-

14.3 Transport hazard class(es)

Class -

14.4 Packing group

Packing group -

14.5 Environmental hazards

-

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

14.1 UN number

UN -

14.2 UN proper shipping name

-

14.3 Transport hazard class(es)

Class -

14.4 Packing group

Packing group -

14.5 Environmental hazards

-

Information for all modes of transport

14.6 Special precautions for user

The relevant transport regulations have to be considered.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No.

15. REGULATORY INFORMATION

15.2. Chemical safety assessment

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

16. Further Information

Hazard statements listed in Chapter 3

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure:

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4

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Aquatic Acute 1 Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1 Hazardous to the aquatic environment, chronic, Category 1
Asp. Tox. 1 Aspiration hazard, Category 1
Eye Dam. 1 Serious eye damage, Category 1
Skin Corr. 1B Skin corrosion, Category 1B
Skin Sens. 1A Skin sensitization, Category 1A
STOT RE 2 Specific target organ toxicity - repeated exposure, Category 2
STOT SE 3 Specific target organ toxicity - single exposure, Category 3

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

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.

Issued by

Product Safety Division

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