



SEAT



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Nutzfahrzeuge

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

GEAR OIL

Part number G 052529A2

Material number:

Substance No.:
888100006205

Version: 1.1

Revision Date: 02.02.2012

Print Date: 12.03.2014

DE / EN

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : GEAR OIL
Registration number : not required

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

Use of the Substance/Mixture : Polishing agent and lubricant

1.3 Details of the supplier of the safety data sheet

Company : Volkswagen AG
38436 Wolfsburg
Telephone : +495614903267
Telefax : +4956149083267
E-mail address : MSDS@VOLKSWAGEN.de
Contact person : HK-TW/31

1.4 Emergency telephone number

For 24-hour emergency assistance, call: +49 / 5361 / 9 - 23222

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labelling according to EC Directives: 1999/45/EC

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

no data available



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3. Composition/information on ingredients

3.2 Mixtures

Chemical nature : Synthetic lubricants
Additives

Hazardous components

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. First aid measures

4.1 Description of first aid measures

General advice : If you feel unwell, seek medical advice (show the label where possible). Remove from exposure, lie down. Never give anything by mouth to an unconscious person. Take off all contaminated clothing immediately. Wash contaminated clothing before re-use.

If inhaled : Remove to fresh air. Keep patient warm and at rest. In the case of inhalation of aerosol/mist consult a physician if necessary.

In case of skin contact : Wash off immediately with soap and plenty of water.

In case of eye contact : Remove contact lenses. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed : If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

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



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5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Fire will produce dense black smoke containing hazardous combustion products (see section 10). Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Special protective equipment for firefighters : Complete suit protecting against chemicals

Further information : Standard procedure for chemical fires. In the event of fire and/or explosion do not breathe fumes. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

Try to prevent the material from entering drains or water courses. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

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



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6.4 Reference to other sections

see chapter: 7, 8, 11, 12 and 13

6.5 Other information

Contaminated surfaces will be extremely slippery.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes. Avoid formation of aerosol.
For personal protection see section 8.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Dust explosion class : not applicable

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

German storage class : 10, Combustible liquids not in Storage Class 3

Other data : No decomposition if stored and applied as directed.

7.3 Specific end uses

no data available

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls



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Engineering measures

Provide adequate ventilation.

Personal protective equipment

Respiratory protection : Not required; except in case of aerosol formation.

Hand protection

Material : Nitrile rubber

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye protection : Safety glasses

Skin and body protection : Long sleeved clothing

Hygiene measures : Avoid contact with the skin and the eyes.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Wash contaminated clothing before re-use.

Environmental exposure controls

General advice : Try to prevent the material from entering drains or water courses.
Avoid subsoil penetration.
If the product contaminates rivers and lakes or drains inform respective authorities.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid
Colour : amber
Odour : oily
Odour Threshold : no data available



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Flash point	: 228 °C
Ignition temperature	: no data available
Lower explosion limit	: no data available
Upper explosion limit	: no data available
Explosive properties	: no data available
Flammability (solid, gas)	: no data available
Oxidizing properties	: no data available
Autoignition temperature	: no data available
Burning number	: no data available
Molecular Weight	: no data available
pH	: no data available
Pour point	: -72 °C
Vapour pressure	: no data available
Density	: 0,838 g/cm ³ at 15 °C
Bulk density	: no data available
Water solubility	: insoluble
Partition coefficient: n-octanol/water	: no data available
Solubility in other solvents	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: 36 mm ² /s at 40 °C
	7,2 mm ² /s at 100 °C
Flow time	: no data available
Impact Sensitivity	: no data available
Relative vapour density	: no data available
Surface tension	: no data available
Evaporation rate	: no data available
Minimum ignition energy	: no data available
Acid number	: no data available
Miscibility in water	: no data available
Solvent separation test	: no data available

9.2 Other information

None known.

10. Stability and reactivity

10.1 Reactivity



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no data available

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Stability: Stable under recommended storage conditions.

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

Thermal decomposition : no data available

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity:

no data available

Acute inhalation toxicity:

no data available

Acute dermal toxicity:

no data available

Acute toxicity (other routes of administration):

no data available

Skin corrosion/irritation



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Skin irritation

: No skin irritation
Prolonged skin contact may cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Eye irritation

: No eye irritation
The liquid splashed in the eyes may cause irritation and reversible damage.
Strong lachrymation can make it difficult to escape.

Respiratory or skin sensitization

Sensitisation:

no data available

Germ cell mutagenicity

Genotoxicity in vitro:

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Teratogenicity

no data available

STOT - single exposure

no data available

STOT - repeated exposure

no data available

Aspiration hazard

Aspiration toxicity

no data available



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Neurological effects

no data available

Toxicology Assessment

Toxicology, Metabolism, Distribution

no data available

Acute effects

no data available

Further information

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

12. Ecological information

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

Adsorbed organic bound halogens (AOX) : not included

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.



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13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal and packaging

: Disposal:
In accordance with local and national regulations.
Waste codes should be assigned by the user based on the application for which the product was used.

The following Waste Codes are only suggestions:

Waste Code (EWC)

: Waste Key (unused product):
130206, synthetic engine, gear and lubricating oils

Waste key (used product):
130206, synthetic engine, gear and lubricating oils

Disposal of uncleaned packaging

: Waste key (uncleaned packaging):
150110, packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Not dangerous goods

RID

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

Special precautions for user

see chapter: 6, 7 and 8



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15. Regulatory information

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

Directive 96/82/EC : Update: 2003
Directive 96/82/EC does not apply

National legislation

Water contaminating class (Germany) : WGK 2 (water endangering)

TA Luft List (Germany) : Organic Substances
Class I: subject

15.2 Chemical Safety Assessment

no data available

16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.