



SEAT

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Nutzfahrzeuge

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

ATF OIL

Part number G 055025A2

Material number: G05502501

Substance No.:
888100000142

Version: 1 9

Revision Date: 14.06.2012

Print Date: 12.03.2014

DE / EN

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

1.1 Product identifier

Trade name : ATF OIL
Registration number : not required

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

Use of the Substance/Mixture : Gear oil

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)

Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Labelling according to EC Directives: 1999/45/EC

Hazard symbols :





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Dangerous
for the
environment

R-phrase(s)

: R51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

: S60

This material and its container must be disposed of as hazardous waste.

S57

Use appropriate container to avoid environmental contamination.

2.3 Other hazards

no data available

3. Composition/information on ingredients

3.2 Mixtures

Chemical nature

: Mineral oils
Additives

Hazardous components

Chemical Name	CAS-No.	Classification (67/548/EEC)	Classification (1272/2008/EC)	Concentration [%]
	EC-No.			
	Registration number			
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	N; R51/53	Aquatic Chronic 2; H411	>= 3 - < 5
	270-128-1			
A mixture of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate	125643-61-0	R53	Aquatic Chronic 4; H413	>= 3 - < 5
Kerosine (petroleum); Straight run kerosine	8008-20-6	R10 Xi; R38 N; R51/53 Xn; R65	Flam. Liq. 2; H225 Acute Tox. 3; H331 Skin Irrit. 2; H315	>= 1 - < 1,5
	232-366-4			
alkyl phosphite		Xn; R21	Acute Tox. 4; H312	>= 0,75 - < 1



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		C; R34 N; R50/53	Skin Corr. 1B; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	
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For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area. If you feel unwell, seek medical advice (show the label where possible). 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. If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with soap and plenty of water.
- In case of eye contact : Remove contact lenses. If symptoms persist, call a physician. Immediately flush eye(s) with plenty of water.
- 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

5. Firefighting measures

5.1 Extinguishing media

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



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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.

6.4 Reference to other sections

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

6.5 Other information



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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. Keep away from heat and sources of ignition.

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. Incompatible with oxidizing agents.

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

Components	CAS-No.	Control parameters	Basis	Update
Kerosine (petroleum); Straight run kerosine	8008-20-6	AGW 100 mg/m ³ ,	DE TRGS 900	2009-02-16
<u>Further information:</u>	See also No. 2.9 of the TRGS 900 Group exposure limit for hydrocarbon solvent mixtures Commission for dangerous substances			



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8.2 Exposure controls

Engineering measures

Provide adequate ventilation.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

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 : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
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.



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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: red
Odour	: characteristic
Odour Threshold	: no data available
Flash point	: > 185 °C
Ignition temperature	: no data available
Lower explosion limit	: 0,9 %(V)
Upper explosion limit	: 7 %(V)
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	: not applicable
Melting point/range	: not applicable
Solidification / Setting point	: no data available
Boiling point/boiling range	: > 316 °C
Vapour pressure	: < 0,013 kPa at 20 °C
Density	: 0,85 g/cm ³ at 15 °C
Bulk density	: no data available
Water solubility	: negligible
Partition coefficient: n-octanol/water	: no data available
Solubility in other solvents	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: 33 mm ² /s at 40 °C
	7,1 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



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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

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

Keep away from heat and sources of ignition.

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 : LD50 rat: > 2.000 mg/kg
 Note: Data from similar compositions



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Acute inhalation toxicity : LC50 : > 5 mg/l
Note: Data from similar compositions

Acute dermal toxicity : LD50 rat: > 2.000 mg/kg
Note: Data from similar compositions

Acute toxicity (other routes of administration):

no data available

Skin corrosion/irritation

Skin irritation : No known irritant effect.

Serious eye damage/eye irritation

Eye irritation : No known irritant effect.

Respiratory or skin sensitization

Sensitisation : No known sensitising effect.

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



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Aspiration hazard

Aspiration toxicity

no data available

Neurological effects

no data available

Toxicology Assessment

Toxicology, Metabolism, Distribution

no data available

Acute effects

no data available

Further information

Kerosine (petroleum);
Straight run kerosine

: Aspiration hazard if swallowed - can enter lungs and cause damage.

12. Ecological information

12.1 Toxicity

Toxicity to fish

alkyl phosphite : LC50: > 0,01 - 0,1 mg/l
Exposure time: 96 h

: 10

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available



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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.

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):
130205, mineral-based non-chlorinated engine, gear and lubricating oils

Waste key (used product):
130205, mineral-based non-chlorinated 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

UN number : 3082

Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.



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(alkyl phosphite)

Class : 9
 Packing group : III
 Classification Code : M6
 Hazard identification No : 90
 Labels : 9
 Tunnel restriction code : (E)
 Environmentally hazardous : yes

RID

UN number : 3082
 Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S.

(alkyl phosphite)

Class : 9
 Packing group : III
 Classification Code : M6
 Hazard identification No : 90
 Labels : 9
 Environmentally hazardous : yes

IATA

UN number : 3082
 Description of the goods : Environmentally hazardous substance, liquid, n.o.s.
 (alkyl phosphite)

Class : 9
 Packing group : III
 Labels : 9
 Packing instruction (cargo aircraft) : 964
 Environmentally hazardous : yes

Packing instruction : 964
 (passenger aircraft)
 Packing instruction (LQ) : Y964

IMDG

UN number : 3082
 Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S.

(alkyl phosphite)

Class : 9
 Packing group : III
 Labels : 9
 EmSNumber 1 : F-A



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EmS Number 2 : S-F

Marine pollutant : yes

Special precautions for user
see chapter: 6, 7 and 8

15. Regulatory information

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

Directive 96/82/EC	: Update: 2003	Quantity 1	Quantity 2
	Dangerous for the environment	200 t	500 t

Further information : Reserved for industrial and professional use.

National legislation

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

15.2 Chemical Safety Assessment

no data available

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R10	Flammable.
R21	Harmful in contact with skin.
R34	Causes burns.
R38	Irritating to skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53	May cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

Full text of H-Statements referred to under sections 2 and 3.



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H225	Highly flammable liquid and vapour.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

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.