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

1.1. Product identifier

Trade name/designation : Toyota Genuine ATF WS

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

Specific use(s) : Gear oil

1.3. Details of the supplier of the safety data sheet

Company : Toyota Motor Europe
 Bourgetlaan 60
 1140 Brussel , Belgium
 Telephone +32 (0)2 745 21 11
 Telefax: +32 (0)2 745 20 67
 E-mail: info.msds@toyota-europe.com

National representative : Reference to other sections: 16

1.4. Emergency telephone number

Emergency telephone : + 32 3 575 55 55 (24h/24h)

IRELAND (REPUBLIC OF)
 National Poisons Information Centre
 Beaumont Hospital
 +353 18 37 99 64/+353 1 809 21 66

UNITED KINGDOM
 National Poisons Information Service
 (Newcastle Centre)
 Regional Drugs and Therapeutics Centre,
 Wolfson Unit
 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EU) 1272/2008

CLP-Classification : This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

2.1.2. Classification according to EU Directives 67/548/EEC or 1999/45/EC

Classification : This mixture is classified as hazardous according to 1999/45/EC.
 N; R51/53

Full text of R-phrases: see section 16

2.2. Label elements

2.2.1. Labelling according to Regulation (EU) 1272/2008

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Hazard pictograms :



GHS09

Hazard statements :

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements :

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

P273 - Avoid release to the environment.

P391 - Collect spillage.

P501 - Dispose of contents/ container to an approved waste disposal plant.

2.2.2. Labelling according to Directives (67/548 - 1999/45)

Not relevant

2.3. Other hazards

Other hazards :

PBT/vPvB data :

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Substance name	Product identifier	%	Classification according to Directive 67/548/EEC
Base oil : lubricating oils, C15-30, (DMSO < 3%)	(CAS No.) 72623-86-0 (EC No) 276-737-9 (EC Index) - (REACH-no) 01-2119474878-16	30 - 40	Xn; R65
Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3 %)	(CAS No.) 64742-54-7 (EC No) 265-157-1 (EC Index) 649-467-00-8 (REACH-no) 01-2119484627-25	20 - 30	Xn; R65
Base oil : Paraffin oils catalytic dewaxed light	(CAS No.) 64742-71-8 (EC No) 265-176-5 (EC Index) - (REACH-no) 01-2119485040-48	20 - 30	Xn; R65
Alkyl methacrylate copolymer	(CAS No.) - (EC No) - (EC Index) -	1 - 5	Xi; R36
Alkyl thiophosphites	(CAS No.) - (EC No) 424-820-7 (EC Index) - (REACH-no) 01-0000017126-75	0,1 - 1	Xn; R21 C; R34 N; R50/53
Alkaryl amine	(CAS No.) - (EC No) - (EC Index) -	0,1 - 1	N; R51/53
Kerosine (petroleum)	(CAS No.) 8008-20-6 (EC No) 232-366-4 (EC Index) 649-404-00-4 (REACH-no) 01-2119485517-27	0,1 - 1	Xn; R65 Xi; R38 N; R51/53 R10

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Base oil : lubricating oils, C15-30, (DMSO < 3%)	(CAS No.) 72623-86-0 (EC No) 276-737-9 (EC Index) - (REACH-no) 01-2119474878-16	30 - 40	Asp. Tox. 1, H304

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Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3 %)	(CAS No.) 64742-54-7 (EC No) 265-157-1 (EC Index) 649-467-00-8 (REACH-no) 01-2119484627-25	20 - 30	Asp. Tox. 1, H304
Base oil : Paraffin oils catalytic dewaxed light	(CAS No.) 64742-71-8 (EC No) 265-176-5 (EC Index) - (REACH-no) 01-2119485040-48	20 - 30	Asp. Tox. 1, H304
Alkyl methacrylate copolymer	(CAS No.) - (EC No) - (EC Index) -	1 - 5	Eye Irrit. 2, H319
Alkyl thiophosphites	(CAS No.) - (EC No) 424-820-7 (EC Index) - (REACH-no) 01-0000017126-75	0,1 - 1	Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
Alkaryl amine	(CAS No.) - (EC No) - (EC Index) -	0,1 - 1	Aquatic Chronic 2, H411
Kerosine (petroleum)	(CAS No.) 8008-20-6 (EC No) 232-366-4 (EC Index) 649-404-00-4 (REACH-no) 01-2119485517-27	0,1 - 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	: Provide fresh air. Keep at rest. If breathing is irregular or stopped, administer artificial respiration. When in doubt or if symptoms are observed, get medical advice. : Dizziness, Nausea, Unconsciousness .
Skin contact	: Take off immediately all contaminated clothing. Wash with plenty of water/. When in doubt or if symptoms are observed, get medical advice. Wash contaminated clothing before reuse. In the event of a high pressure injection injury, worker should obtain immediate medical assistance.
Eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. When in doubt or if symptoms are observed, get medical advice.
In case of ingestion	: Rinse mouth. Drink 1 or 2 glasses of water. When in doubt or if symptoms are observed, get medical advice.
Additional advice	: First aider: Pay attention to self-protection! See also section 8 . Never give anything by mouth to an unconscious person or a person with cramps. Show this safety data sheet to the doctor in attendance. Treat symptomatically. When in doubt or if symptoms are observed, get medical advice.

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

Inhalation	: Excessive exposures may affect human health, as follows: May cause respiratory irritation.
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Skin contact	: Excessive exposures may affect human health, as follows: May be irritating.
Eye contact	: Excessive exposures may affect human health, as follows: May cause eye irritation.
Ingestion	: Health injuries are not known or expected under normal use.
Other adverse effects	: In the event of a high pressure injection injury, worker should obtain immediate medical assistance. Most important symptoms : Necrosis .

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

Not applicable

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray, alcohol resistant foam, Carbon dioxide, Dry extinguishing powder
Extinguishing media which must not be used for safety reasons:	: Strong water jet .

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible .
Specific hazards	: Burning produces noxious and toxic fumes. Hazardous decomposition products aldehydes, Sulphur oxides, Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Do not allow run-off from fire-fighting to enter drains or water courses. Dispose according to legislation.

5.3. Advice for firefighters

Advice for firefighters	: Evacuate area. Special protective equipment for firefighters. . In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers. Hose down gases, fumes and/or dust with water.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: Provide adequate ventilation. Stay upwind/keep distance from source. Avoid contact with skin and eyes. Use personal protective equipment as required. Personal protection equipment: see section 8 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
For emergency responders	: Ensure procedures and training for emergency decontamination and disposal are in place. Personal protection equipment: see section 8 .

6.2. Environmental precautions

Environmental precautions	: Do not allow to enter into surface water or drains. Do not allow material to contaminate ground water system. Site should have a spill plan to ensure that adequate safeguards are in place to minimize the impact of episodic releases.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up

- : Stop leak if safe to do so.
- Recommended risk management measures :
- Expert judgement .
- Clean-up methods - large spillage: :
- Large spills should be collected mechanically (remove by pumping) for disposal.
- Clean-up methods - small spillage: :
- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Collect in closed and suitable containers for disposal.
- Dispose according to legislation.
- Evaluation of water contamination :
- Remove from the water surface (e.g. skimming, sucking).

6.4. Reference to other sections

Personal protection equipment: see section 8 .
Disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

- : Provide adequate ventilation.
- Use personal protective equipment as required.
- Personal protection equipment: see section 8
- Avoid contact with skin, eyes and clothes.
- Do not breathe vapour/spray.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Accumulator !
- Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.
- Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
- Take precautionary measures against static discharges.
- After use replace the closing cap immediately.
- Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time).
- Material can create slippery conditions.
- Do not allow to enter into surface water or drains.
- Take any precaution to avoid mixing with Incompatible materials .
- Keep good industrial hygiene.

Advices on general occupational hygiene

- : Use only in area provided with appropriate exhaust ventilation.
- Wash hands and face before breaks and immediately after handling of the product.
- When using do not eat, drink or smoke.
- Keep away from food, drink and animal feedingstuffs.
- Keep work clothes separately.
- Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage

- : Do not store near or with any of the incompatible materials listed in section 10.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed in a cool, well-ventilated place.
- Protect from sunlight.

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Packaging materials : Do not pierce or burn, even after use.
Do not burn, or use a cutting torch on, the empty drum.
Keep in properly labelled containers.

7.3 Specific end use(s)

Reference to other sections: : 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values : oil (mist) TLV-TWA (mg/m³) : 1 (SE, NO); 5 (BE, NL, GB, FR, DE, FI, DK)
oil (mist) TLV-STEL (mg/m³) : 3 (SE); 10 (BE, GB)

Kerosine (petroleum) (8008-20-6)		
Belgium	Limit value (mg/m ³)	200 mg/m ³ (application limited to exposure conditions to negligible aerosols-total hydrocarbon vapor)
Bulgaria	OEL TWA (mg/m ³)	300,0 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	200 mg/m ³ (application restricted to conditions in which there are negligible aerosol exposures-total hydrocarbon vapor)
Poland	NDS (mg/m ³)	100 mg/m ³
Poland	NDSch (mg/m ³)	300 mg/m ³

Recommended monitoring procedures : Concentration measurement in air
Personal air monitoring

Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3 %) (64742-54-7)	
DNEL/DMEL (workers)	
Long-term - local effects, inhalation	5,4 mg/m ³
DNEL/DMEL (general population)	
Long-term - local effects, inhalation	1,2 mg/m ³
PNEC (Oral)	
PNEC oral (secondary poisoning)	9,33 mg/kg

Base oil : Paraffin oils catalytic dewaxed light (64742-71-8)	
DNEL/DMEL (workers)	
Long-term - local effects, inhalation	5,4 mg/m ³
DNEL/DMEL (general population)	
Long-term - local effects, inhalation	1,2 mg/m ³
PNEC (Oral)	
PNEC oral (secondary poisoning)	9,33 mg/kg

8.2. Exposure controls

Personal protection equipment : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : Not required under normal use. /
In case of insufficient ventilation, wear suitable respiratory equipment.
Full face mask (EN 136)
Half-face mask (DIN EN 140)
Filter type: A/P (EN141).
In the case of hazardous fumes, wear self contained breathing apparatus.

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Hand protection	: Not required under normal use. /,Wear chemically resistant gloves (tested to EN374) .,NBR (Nitrile rubber) /,Neoprene gloves,,rubber gloves. .,Unsuitable material: .,PVA .,The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Eye protection	: Not required under normal use. During splash contact: Wear eye glasses with side protection according to EN 166. .
Body protection	: Not required under normal use. Flame-retardant protective clothing .
Thermal hazard protection	: Protective gloves against thermal risks .
Engineering control measures	: Provide adequate ventilation. Use only in area provided with appropriate exhaust ventilation. A washing facility/water for eye and skin cleaning purposes should be present. Take precautionary measures against static discharge. Organisational measures to prevent/limit releases, dispersion and exposure : See also section 7 .
Environmental exposure controls	: Do not allow to enter into surface water or drains. Comply with applicable Community environmental protection legislation.

SECTION 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
pH	: study technically not feasible
Melting point/freezing point	: study technically not feasible
Freezing point	: No data available
Initial boiling point and boiling range	: > 316 °C (estimated)
Flash point	: > 175 °C (ASTM D92)
Evaporation rate	: No data available
Flammability (solid, gas)	: study technically not feasible
Upper/lower flammability or explosive limits	: LEL: 0,9% - UEL 7 % (estimated)
Vapour pressure	: (@20°C)< 0,013 kPa (estimated)
Vapour density	: (@101kPa)> 2 (estimated)
Relative density	: 0,854 (@ 15°C)
Water solubility	: Negligible
Solubility in different media	: No data available
Partition coefficient n-octanol/water	: > 3,5 (estimated)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: 23 cSt @ 40°C 5,45 cSt @ 100°C

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Explosive properties : Not applicable
The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.

Oxidising properties : Not applicable
The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.

9.2. Other information

Other information : Base oil, DMSO < 3% (IP346)

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Reference to other sections: 10.5

10.2. Chemical stability

Stability : The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions : None under normal processing.
Hazardous polymerisation does not occur.

10.4. Conditions to avoid

Conditions to avoid : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
See also section 7 :
Handling and storage .

10.5. Incompatible materials

Incompatible materials : Strong oxidizing agents ., See also section 7 :, Handling and storage .

10.6. Hazardous decomposition products

Hazardous decomposition products : Hazardous decomposition products COx, SOx, aldehydes, fumes .

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met.)

Base oil : lubricating oils, C15-30, (DMSO < 3%) (72623-86-0)	
LD50/oral/rat	> 5000 mg/kg
LD50/dermal/rabbit	> 2000 mg/kg
LC50/inhalation/4h/rat	2,18 mg/l (Exposure time: 4 h)

Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3 %) (64742-54-7)	
LD50/oral/rat	> 2000 mg/kg

Kerosine (petroleum) (8008-20-6)	
LD50/oral/rat	> 5000 mg/kg OECD Test Guideline 401
LD50/dermal/rabbit	> 2000 mg/kg OECD 434

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met.)
pH: study technically not feasible

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Serious eye damage/eye irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: study technically not feasible
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met.)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met.)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met.)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met.)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met.)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met.)

Kerosine (petroleum) (8008-20-6)	
NOAEL (oral, rat, 90 days)	750 mg/kg bodyweight/day
Additional information	NOAEC, Inhalation: ≥ 24 mg/m ³ (28 days) NOAEL, Dermal: ≥ 400 mg/kg bw/day (28 days) NOAEL, Inhalation: ≥ 1000 mg/m ³ (90 days) NOAEL, Inhalation: 750 mg/kg bw/day (90 days)

Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met.)
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Other information

Symptoms related to the physical, chemical and toxicological characteristics, Reference to other sections: 4.2

SECTION 12: Ecological information

12.1. Toxicity

Toxicity	: Toxic to aquatic life with long lasting effects.
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Base oil : lubricating oils, C15-30, (DMSO < 3%) (72623-86-0)	
LC50 fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3 %) (64742-54-7)	
LC50 fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Kerosine (petroleum) (8008-20-6)	
LC50 fish 1	2 - 5 mg/l (96h)
EC50 Daphnia 1	1,4 mg/l (48h)
ErC50 (algae)	1 - 3 mg/l (72h)
NOEC (chronic)	daphnia 0,48 mg/l (NOEL)
NOEC chronic fish	0,098 mg/l
NOEC chronic crustacea	0,48 mg/l

12.2. Persistence and degradability

Persistence and degradability	: Base oil - unspecified (DMSO < 3%)
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Expected to be ultimately biodegradable

12.3. Bioaccumulative potential

Bioaccumulation : Base oil - unspecified (DMSO < 3%)
 Bioaccumulative potential
 Partition coefficient n-octanol/water : > 3,5 (estimated)

12.4. Mobility in soil

Mobility : The product is insoluble and floats on water.
 (Base oil - unspecified (DMSO < 3%))

12.5. Results of PBT and vPvB assessment

PBT/vPvB data : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
 This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

Other information : According to experience not expected .

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product waste: : Handle with care.
 Safe handling: see section 7 :
 Handling and storage .
 Dispose according to legislation.
 Do not allow to enter into surface water or drains.
 Refer to manufacturer/supplier for information on recovery/recycling.
 Collect and dispose of waste product at an authorised disposal facility.

Contaminated packaging : Do not burn, or use a cutting torch on, the empty drum.
 Do not puncture or incinerate.
 Never use pressure to empty container.
 Delivery to an approved waste disposal company.

List of proposed waste codes/waste designations in accordance with EWC : Classified as hazardous waste according to European Union regulations.
 The following Waste Codes are only suggestions:
 130205 - mineral-based non-chlorinated engine, gear and lubricating oils (CH: 13 02 05 * ds),
 15 01 10* - packaging containing residues of or contaminated by dangerous substances (CH: 15 01 10 * ds).
 Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

14.1. UN number

UN number : 3082

14.2. UN proper shipping name

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Alkyl thiophosphites)
 Proper shipping name IATA/IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkyl thiophosphites)

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14.3. Transport hazard class(es)

14.3.1. Overland transport

Class(es) : 9 - Miscellaneous dangerous substances and articles
 Hazard identification number (Kemler No.) : 90
 Classification code : M6
 ADR/RID-Labels : 9 - Miscellaneous dangerous substances and articles



14.3.2. Inland waterway transport (ADN)

ADN : Hazards : N2
 Class (UN) : 9

14.3.3. Transport by sea

Class or Division : 9 - Miscellaneous dangerous substances and articles
 Limited quantities (IMDG) : 5L
 EmS : F-A, S-F

14.3.4. Air transport

Class or Division : 9 - Miscellaneous dangerous substances and articles

14.4. Packing group

Packing group : III

14.5. Environmental hazards

Environmental hazards : P



Other information : ADN : N2.

14.6 Special precautions for user

Special precautions for user : Reference to other sections: : 14.3.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006 :

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008

Toyota Genuine ATF WS - Alkyl methacrylate copolymer - Base oil :
 lubricating oils, C15-30, (DMSO < 3%) - Base oil : distillates
 hydrotreated heavy paraffinic (DMSO% < 3 %) - Base oil : Paraffin oils
 : catalytic dewaxed light - Alkyl thiophosphites - Kerosine (petroleum)

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3.a. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008:

Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F

: Kerosine (petroleum)

3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008:

Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

Alkyl methacrylate copolymer - Base oil : lubricating oils, C15-30, (DMSO < 3%) - Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3 %) - Base oil : Paraffin oils catalytic dewaxed light - Alkyl thiophosphites - Kerosine (petroleum)

3.c. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008:

Hazard class 4.1

Toyota Genuine ATF WS - Alkaryl amine - Alkyl thiophosphites - Kerosine (petroleum)

40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

: Kerosine (petroleum)

This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC.

: none

Authorisations

: Not applicable

15.1.2. National regulations

DE : WGK

: -

DE : Technische Regeln für Gefahrstoffe (TRGS)

: applicable

FR : Installations classées

: 117x 119x

NL : ABM

: 6 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (A)

NL : NeR (Nederlandse emissie Richtlijn)

: Organic substances in vapour or gaseous form

CH: WGK CH

: 4

CH: This safety datasheet has been prepared according to Swiss legislation.

: Annex II, OChim

15.2. Chemical safety assessment

Chemical Safety Assessment

: Chemical Safety Assessments have been carried out for these substances.
EC 276-737-9, EC 265-176-5, EC 265-157-1, EC 424-820-7, EC 232-366-4

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)

: Acute toxicity (dermal), Category 4

Aquatic Acute 1

: Hazardous to the aquatic environment - Aquatic Acute 1

Aquatic Chronic 1

: Hazardous to the aquatic environment - chronic hazard category 1

Aquatic Chronic 2

: Hazardous to the aquatic environment - chronic hazard category 2

Asp. Tox. 1

: Aspiration hazard, Category 1

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Eye Irrit. 2	: Serious eye damage/eye irritation Category 2
Flam. Liq. 3	: Flammable liquids, Category 3
Skin Corr. 1B	: Skin corrosion/irritation, Category 1B
Skin Irrit. 2	: Skin corrosion/irritation, Category 2
STOT SE 3	: Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	: Flammable liquid and vapour.
H304	: May be fatal if swallowed and enters airways.
H312	: Harmful in contact with skin.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H319	: Causes serious eye irritation.
H336	: May cause drowsiness or dizziness.
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.
R10	: Flammable.
R21	: Harmful in contact with skin.
R34	: Causes burns.
R36	: Irritating to eyes.
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.
R65	: Harmful: may cause lung damage if swallowed.
C	: Corrosive
N	: Dangerous for the environment
Xi	: Irritant
Xn	: Harmful
Key literature references and sources for data	: European Chemicals Bureau SDS of ExxonMobil Petroleum & Chemical BVBA 'TOYOTA GENUINE ATF WS' revision date 16.12.2014
Other information	: Assessment/classification CLP,Article 9,Calculation method.
Safety datasheet sections which have been updated	: 1,2,3,8,10,11,12,14,15,16
Abbreviations and acronyms	: ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods Code LEL = Lower Explosive Limit/Lower Explosion Limit UEL = Upper Explosion Limit/Upper Explosive Limit REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals EC50 = Median Effective Concentration LC50 = Median lethal concentration LD50 = Median lethal dose DNEL = DNEL = Derived No Effect Level PNEC = Predicted No Effect Concentration STEL = Short term exposure limit TLV = Threshold limits TWA = time weighted average persistent, bioaccumulating and toxic (PBT). vPvB = very persistent and very bioaccumulating WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water

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The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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