ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ

ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

Заявитель: ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "ПРОФИМПОРТ", Место нахождения: 630052, Российская Федерация, Новосибирская область, город Новосибирск, улица Тролейная 83, офис К19, ОГРН: 1155476124033, Номер телефона: +7 3833640071, Адрес электронной почты: profimport_nsk@mail.ru

В лице: Директор Гагунов Игорь Александрович

заявляет, что Масло трансмиссионное синтетическое, тм: TOYOTA, LEXUS. Марки: CVT FLUID, WS AT FLUID, ATF WS, 75W-85, 75W-90, TYPE T-IV, TYPE T-IV, Масло трансмиссионное синтетическое, тм: TOYOTA, LEXUS. Марки: CVT FLUID, WS AT FLUID, ATF WS, 75W-85, 75W-90, TYPE T-IV, TYPE T-IV

Изготовитель: TOYOTA MOTOR CORPORATION, Место нахождения: Япония, 1-Toyota-cho, Toyota-City, Aichi, 471-8571, 35.05376536785193, 137.15861261170747, Адрес места осуществления деятельности по изготовлению продукции: Япония, 1-Toyota-cho, Toyota-City, Aichi, 471-8571, 35.05376536785193, 137.15861261170747

Коды ТН ВЭД ЕАЭС: 2710198800

Серийный выпуск,

Соответствует требованиям ТР ТС 030/2012 О требованиях к смазочным материалам, маслам и специальным жидкостям

Декларация о соответствии принята на основании протокола MS-ИЛ-010-0050 выдан 29.07.2022 испытательной лабораторией "ИСПЫТАТЕЛЬНАЯ ЛАБОРАТОРИЯ Общества с ограниченной ответственностью «МОСТЕХНОКОМ», аттестат аккредитации РОСС RU.32396.04НТЦ0.ИЛ06 от 25.11.2021"; Схема декларирования: 1д;

Дополнительная информация

Декларация о соответствии действительна с даты регистрации по 31.07.2026 **включительно**

М.П.

Гагунов Игорь Александрович

(подпись) (Ф. И. О. заявителя)

Регистрационный номер декларации о соответствии: ЕАЭС N RU Д-JP.PA05.B.26872/22

Дата регистрации декларации о соответствии: 02.08.2022

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

1.1. Product identifier

Product form : Mixture

Trade name : Genuine Differential Gear Oil LT 75W-85

Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use

Use of the substance/mixture : Gear oil

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Toyota Motor Europe
Bourgetlaan 60
1140 Brussel - Belgium
T +32 (0)2 745 20 11
hazmat@toyota-europe.com

National representative : Reference to other sections 16

1.4. Emergency telephone number

Emergency number : + 32 3 575 55 55 (24/7)

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, 24/7, healthcare professionals only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Extra phrases : EUH210 - Safety data sheet available on request.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Reason for no classification
On basis of test data
This product does not cause skin sensitization

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated heavy paraffinic	(CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index) 649-467-00-8 (REACH-no) 01-2119484627-25-xxxx	1 - < 5	Asp. Tox. 1, H304
Polysulfides, di-tert-Bu	(CAS-No.) 68937-96-2 (EC-No.) 273-103-3 (REACH-no) 01-2119540515-43-xxxx	1 - < 5	Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched)	(CAS-No.) RR-108536-5 (EC-No.) 931-384-6 (REACH-no) 01-2119493620-38-xxxx	1 – 2	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

Specific concentration limits:

Substance name	Product identifier	Specific concentration limits
Polysulfides, di-tert-Bu	(CAS-No.) 68937-96-2 (EC-No.) 273-103-3 (REACH-no) 01-2119540515-43-xxxx	(46 ≤C < 100) Skin Sens. 1B, H317
Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched)	(CAS-No.) RR-108536-5 (EC-No.) 931-384-6 (REACH-no) 01-2119493620-38-xxxx	(50 ≤C < 100) Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice : First aider: Pay attention to self-protection!. See also section 8 . Never give anything by mouth to an unconscious person. Show this safety data sheet to the doctor in attendance. In case of doubt or persistent symptoms, consult always a physician.

Inhalation : Remove person to fresh air and keep comfortable for breathing. Put victim at rest, cover with a blanket and keep warm. Give oxygen or artificial respiration if necessary. In case of doubt or persistent symptoms, consult always a physician.

Skin contact : Take off immediately all contaminated clothing. Wash with plenty of water/. In case of doubt or persistent symptoms, consult always a physician. Wash contaminated clothing before reuse.

Eyes contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In case of doubt or persistent symptoms, consult always a physician.

Ingestion : Rinse mouth. Drink plenty of water. In case of doubt or persistent symptoms, consult always a physician.

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

Inhalation	:	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Skin contact	:	Not expected to present a significant skin hazard under anticipated conditions of normal use.
Eyes contact	:	Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Ingestion	:	Gastrointestinal complaints.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Water spray, Alcohol resistant foam, Carbon dioxide, Dry extinguishing powder.
Unsuitable extinguishing media	:	Strong water jet .

5.2. Special hazards arising from the substance or mixture

Specific hazards	:	Non flammable. Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.
Hazardous decomposition products in case of fire	:	Carbon oxides (CO, CO2). Sulphur oxides. Aldehydes. Toxic fumes. Smoke.

5.3. Advice for firefighters

Firefighting instructions	:	Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus (EN 133).
Other information	:	Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

For non-emergency personnel	:	Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Do not breathe vapours. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

For emergency responders	:	Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8 .

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Shafts and sewers must be protected from entry of the product.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	:	Stop leak if safe to do so. Water : Remove from the water surface (e.g. skimming, sucking). Recover large spills by pumping (use an explosion proof or hand pump). Dam up. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite or powdered limestone. Collect in closed and suitable containers for disposal. Dispose of contaminated materials in accordance with current regulations. All processes must be supervised by specialists or authorised personnel. Site should have a spill plan to ensure that adequate safeguards are in place to minimize the impact of episodic releases.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8 . Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe vapours. Avoid contact with skin, eyes and clothing. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid the build-up of electrostatic charge. Use grounded electrical/mechanical equipment. Avoid release to the environment.

Hygiene measures : Keep good industrial hygiene. Use only in area provided with appropriate exhaust ventilation. Wash hands and face before breaks and immediately after handling of the product. Keep away from food, drink and animal feedingstuffs. Separate working clothes from town clothes. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place. Do not store near or with any of the incompatible materials listed in section 10. Remove all sources of ignition. Bund storage facilities to prevent soil and water pollution in the event of spillage.

Incompatible materials : Strong oxidizers.

Heat and ignition sources : Keep away from open flames, hot surfaces and sources of ignition. Do not smoke. Keep out of direct sunlight.

Special rules on packaging : Keep in properly labelled containers.

Packaging materials : Keep only in the original container. Do not pierce or burn, even after use. Do not burn, or use a cutting torch on the empty drum.

7.3. Specific end use(s)

Reference to other sections : 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Engineering measure(s) : Provide adequate ventilation. Organisational measures to prevent /limit releases, dispersion and exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. See Section 7 for information on safe handling .

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

Hand protection	:	Not required for normal conditions of use. Wear chemically resistant gloves (tested to EN374) . Suitable material: Nitrile rubber, Viton ®. Breakthrough time : > 1h. 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. The exact break through time can be obtained from the protective glove producer and this has to be observed.
Eye protection	:	If there is a risk of liquid being splashed : Safety glasses with side shields (En 166)
Body protection	:	Not required for normal conditions of use. Flame-retardant protective clothing. Impervious clothing .
Respiratory protection	:	Usually no personal respirative protection necessary. In case of insufficient ventilation, wear suitable respiratory equipment. full face mask (DIN EN 136). Half-face mask (DIN EN 140). Filter type: AP (EN141). Use compressed air or fresh air breathing apparatus in closed compartments. EN138/269/EN139/137
Thermal hazard protection	:	Not required for normal conditions of use. Use dedicated equipment. Heat resistant gloves.
Environmental exposure controls	:	Avoid release to the environment. Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	liquid.
Colour	:	brown.
Odour	:	Characteristic.
Odour threshold	:	No data available
pH	:	study technically not feasible
Relative evaporation rate (butylacetate=1)	:	No data available
Melting / freezing point	:	study technically not feasible
Freezing point	:	No data available
Initial boiling point and boiling range	:	> 316 °C (estimated)
Flash point	:	> 165 °C (ASTM D92)
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	study technically not feasible
Vapour pressure	:	< 0,013 kPa (20°C)
Vapour density	:	> 2 (101 kPa)
Relative density	:	0,86 @ 15°C
Solubility	:	Water: Negligible
Partition coefficient n-octanol/water	:	> 3,5
Kinematic viscosity	:	72 mm²/s (40°C) ((ASTM D445)
Dynamic viscosity	:	No data available
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.
Explosive limits	:	0,9 – 7 vol % (estimated)

Particle size	:	Not applicable
Particle size distribution	:	Not applicable
Particle shape	:	Not applicable
Particle aspect ratio	:	Not applicable
Particle aggregation state	:	Not applicable
Particle agglomeration state	:	Not applicable
Particle specific surface area	:	Not applicable
Particle dustiness	:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Additional information : Base oil - unspecified (DMSO < 3%) (IP346)

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions. Reference to other sections 10.5.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Direct sunlight. See Section 7 for information on safe handling.

10.5. Incompatible materials

Strong oxidizing agents . See Section 7 for information on safe handling.

10.6. Hazardous decomposition products

None under normal conditions. Hazardous decomposition products in case of fire : . Carbon oxides (CO, CO2). Sulphur oxides. Aldehydes. Toxic fumes. Smoke. Reference to other sections 5.2.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LD50/oral/rat	> 5000 mg/kg
LD50 oral	> 5000 mg/kg
LD50/dermal/rabbit	> 5000 mg/kg
LD50 dermal	> 2000 mg/kg Rat
LC50/inhalation/4h/rat	> 5000 mg/m³

Polysulfides, di-tert-Bu (68937-96-2)	
LD50/oral/rat	6500 mg/kg
LD50 oral	6500 mg/kg

Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) (RR-108536-5)	
LD50/oral/rat	2000 mg/kg bodyweight (OECD 401 method)

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

Serious eye damage/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)

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

Genuine Differential Gear Oil LT 75W-85	
Kinematic viscosity	72 mm²/s (40°C) ((ASTM D445)

Other adverse effects : In the event of a high pressure injection injury, worker should obtain immediate medical assistance. Most important symptoms : Necrosis. (Skin).

Other information : Data relies on practical experience. Symptoms related to the physical, chemical and toxicological characteristics : Reference to other sections 4.2.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

11.2.2 Other information

Other adverse effects : In the event of a high pressure injection injury, worker should obtain immediate medical assistance,Most important symptoms :Necrosis,(Skin)

Other information : Data relies on practical experience,Symptoms related to the physical, chemical and toxicological characteristics :Reference to other sections 4.2

SECTION 12: Ecological information

12.1. Toxicity

Environmental properties : According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment".

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 10000 mg/l
NOEC chronic algae	> 100 mg/l

Polysulfides, di-tert-Bu (68937-96-2)	
LC50 - Fish [1]	250 – 500 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

LC50 - Fish [2]	> 1000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static])
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) (RR-108536-5)	
EC50 96h - Algae [1]	6,4 mg/l
NOEC (acute)	3,2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
NOEC chronic crustacea	0,12 mg/l (Exposure time: 21 d - Species: Daphnia magna)

12.2. Persistence and degradability

Genuine Differential Gear Oil LT 75W-85	
Persistence and degradability	Base oil - unspecified (DMSO < 3%).

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
Biochemical oxygen demand (BOD)	31 % (28 d, OECD TG 301 F)

Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) (RR-108536-5)	
Biodegradation	7,4 % (28 d, OECD TG 301B)

12.3. Bioaccumulative potential

Genuine Differential Gear Oil LT 75W-85	
Partition coefficient n-octanol/water	> 3,5

12.4. Mobility in soil

Genuine Differential Gear Oil LT 75W-85	
Ecology - soil	The product is insoluble and floats on water. May be separated mechanically in waste water plants.

12.5. Results of PBT and vPvB assessment

Genuine Differential Gear Oil LT 75W-85
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

12.7. Other adverse effects

Additional information : No adverse effects are expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.

Additional information : This material and its container must be disposed of as hazardous. Never use pressure to empty container. Do not pierce or burn, even after use. Delivery to an approved waste disposal company.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : 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),
150110 - 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

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
Not applicable				

14.6. Special precautions for user

Special precautions for user : Not applicable

- Overland transport

Not applicable

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Code: IBC : Not applicable.

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(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	Distillates (petroleum), hydrotreated heavy paraffinic

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

France
Installations classées :
Not applicable.

France

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
na	Not Applicable	na	na

Germany

Regulatory reference : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

German storage class (LGK) : LGK 12 - Non-combustible liquids

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

Waterbezwaarlijkheid : B (4) - Weinig schadelijk voor in het water levende organismen

Saneringsinspanningen : B - Lozing minimaliseren; toepassen van best uitvoerbare technieken

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Switzerland

This safety datasheet has been prepared according to Swiss legislation. : Annex II, OChim

WGK CH : 2 (calculated value)

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

For the following substances of this mixture a chemical safety assessment has been carried out
Distillates (petroleum), hydrotreated heavy paraffinic Polysulfides, di-tert-Bu

SECTION 16: Other information

Indication of changes:

1	SDS Version (obsolete)	Modified	
1	Issue date	Modified	
2.3	PBT	Modified	
2.3	vPvB	Modified	
3.2	Composition	Modified	
9.1	Flash point	Modified	
9.1	Relative density	Modified	
9.1	Kinematic viscosity	Modified	
9.2	Effect of heating under confinement	Added	
9.2	Other safety characteristics	Added	
11	Adverse health effects caused by endocrine disrupting properties	Modified	
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	
	Other adverse effects	Added	
14.7	Maritime transport in bulk according to IMO instruments	Modified	
15	Saneringsinspanningen	Added	

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
	NA = Not applicable
	TLV = Threshold limits
	TWA = time weighted average
	STEL = Short term exposure limit
	persistent, bioaccumulating and toxic (PBT).
	vPvB = very persistent and very bioaccumulating
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the datasheet	:	ECHA (European Chemicals Agency), SDS of ExxonMobil (TOYOTA GENUINE DIFFERENTIAL GEAR OIL LT 75W-85), revision date 09 june 2019.
Training advice	:	Manipulations are to be done only by qualified and authorised persons. Training staff on good practice.
Other information	:	Assessment/classification CLP. Article 9. Calculation method.
National representative	:	United Kingdom: Toyota (GB) Plc. Great Burgh, Burgh Heath, Epsom, Surrey KT18 5UX, United Kingdom Tel: 441737367516 Ireland: Toyota Ireland Killeen Road, Dublin 12, Ireland Tel: 00-353-1- 4190218 Malta: Michael Debono Ltd Notabile Road, ZBG-9017, Zebbug, Malta Tel: 00356 2269 4000 Israël: United Motors Ltd. Toyota Towers, 67 Yigal Alon Street, 67443 Tel-Aviv, Israel Tel: 00972/ 8 942 5331

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
EUH210	Safety data sheet available on request.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B

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安全データシート

セクション 1 製品および会社情報

製品

製品名： TFF CVT FLUID FE JWS 3401
製品の説明： ベースオイルおよび添加剤
製品コード： 202030206504, 520957-80
主用途： オートマチックトランスミッションフルード

会社情報

供給者： **EMGマーケティング合同会社**
潤滑油本部
〒108-8005
港区港南1-8-15
東京 108-8005 日本

供給者連絡先（代表） 0120-016-313

セクション 2 危険有害性の要約

この物質は法的指針によれば危険有害性があるとみなされる。（ＳＤＳ セクション15参照）

ＧＨＳ分類：

水生環境有害性（急性）： 区分3 水生環境有害性（長期間）： 区分3

GHSラベル表示：
ピクトグラム： ピクトグラム （ 絵表示 ） はない

注意喚起語： 注意喚起語なし

危険有害性情報

環境： H412 ： 長期継続的影響によって水生生物に有害

注意書き

予防措置: P273 : 環境への放出を避けること
廃棄: P501 : 内容物および容器は、法規制に従って廃棄すること

内容物: N-フェニル-1-ナフチルアミン, アルキル アセトアミド　アレルギー反応を起こすことがある。

その他の有害性情報:

物理化学的危険性
重大な危険性はない

健康有害性
高圧で皮膚組織の内部へ注入された場合、重度の障害を起こす恐れがある。　過度に暴露すると眼、皮膚あるいは、呼吸器系に刺激を与えることがある。

環境有害性
追加すべき危険はない

備考: この物質を専門家の助言なしで、セクション1の用途以外に使用すべきではない。健康に及ぼす影響を調べた結果、個人差はあると思われるが、化学的曝露により潜在的な健康リスクを与える可能性がある。

セクション 3　組成及び成分情報

この製品は混合物として定義されている

通知すべき危険有害物質もしくは、複合物

名称	CAS#	濃度*	ＧＨＳ危険有害性コード
1-ナフチルアミン, N-フェニル-	90-30-2	0.1 - < 1%	H302, H317, H400(M factor 1), H410(M factor 1)
アルキル アセトアミド	Confidential	0.1 - < 1%	H316, H317
アルキルメタクリレート共重合物	63150-07-2	1 - < 5%	H319(2A)
水素化処理した軽質パラフィン系蒸留油、石油	64742-55-8	30 - < 40%	H304
高度水素化重質パラフィン系油蒸留物	64742-54-7	30 - < 40%	H304

＊ガスの濃度は容量パーセントで表し、それ以外は重量パーセントで表す。

日本の成分情報
労働安全衛生法 57条1項、表示対象物質: なし。

労働安全衛生法 57条2項、通知対象物質 :

名称	労働安全衛生法 物質番号	濃度
ケロシン（灯油）	380	0.1-1 重量%

労働安全衛生法: 57条-2項、通知対象物質:

名称	労働安全衛生法 物質番号	濃度
鉱油	168	80-90 重量%

労働安全衛生法施行令、別表3-1、製造許可物質： なし。

PRTR法第１種指定化学物質： なし。

PRTR法第２種指定化学物質： なし。

毒物及び劇物取締法の対象化学物質： なし。

セクション 4 応急処置

吸入した場合

暴露を止めること。救助員は、自身あるいは他の人々が暴露するのを避けること。適切な呼吸用保護具を着用すること。もし呼吸障害、めまい、吐き気が起きたり、意識不明の状態に陥った場合は、直ちに医師の治療を受けること。呼吸が停止した場合は、機器等を用いて酸素吸入を試みるか、口対口の人工呼吸を行う。

皮膚に付着した場合

石鹸と水で接触した部分を洗浄する。 製品が皮下または、体内のいかなる場所に注入された場合、傷の外観またはその大きさに関係なく、被害者は直ぐに緊急処置を行う為に医師の診断を受ける必要がある。高圧注入による初期症状が、小さいか皆無であっても、事故が起きて数時間以内に早期処置を行うと、傷が大きく広がるのを明らかに軽減できる。

目に入った場合

水で完全に洗い流す。もし刺激が治まらない場合は医師の手当を受ける。

飲み込んだ場合

応急処置は通常必要ない。もし違和感がある場合は、医師の手当てを受ける。

医師に対する特別な注意事項

なし

セクション 5 火災時の措置

消火剤

適切な消火剤： 消火には噴霧水、泡、ドライケミカル、炭酸ガスを使う。

使ってはならない消火剤： 直接の水噴射

消火

消火方法： その現場から避難させる。 消火剤やその希釈剤が、水路、下水、あるいは上水道へ流入することを防ぐ。 消防士は、標準の防護装備を使用し、建物内部やタンク内等では内蔵型呼吸機（ＳＣＢＡ）を用い

る。 火にさらされた表面を冷却したり、人を守るために噴霧水を使用する。

有害な燃焼生成物： アルデヒド類，不完全燃焼時の生成物，炭素酸化物，煙、煙霧，酸化硫黄

燃焼特性

引火点 [試験法]： >175℃ (347° F) [ASTM D-92]
燃焼範囲 (おおよその空気中の容量%)： 下限： 0.9 上限：7.0
自然発火温度： データなし

セクション 6 漏出時の措置

通報手順

流出または放出事故が起きた場合、すべての適用法令に従って関係機関に通報する。

人体に対する注意事項、保護具及び緊急時措置

流出物に触らない。 消火に関する情報はセクション5を参照。 重大な有害性については危険有害性の要約を参照。 応急処置についてはセクション４を参照。 最低限必要な保護具についてはセクション８を参照。特殊な状況下や緊急時対応の専門家の判断により、追加の保護策が必要になることもある。

緊急事態応答者に対する 呼吸保護：呼吸保護具は、特定の場合に限って着用すること，例えば、ミストが発生する場合など。流出量と潜在的暴露レベルに応じて、ダスト/有機蒸気用のフィルターが付いた半顔面あるいは、全顔面マスク、または自己呼吸装置（SCBA）を着用すること。暴露の程度が完全に想定できない場合あるいは、酸素欠乏の環境になることが予測される場合には、SCBAを着用すること。 炭化水素に耐性のある作業手袋の着用を勧める。ポリ酢酸ビニル（PVA)でできた手袋は防水できず、緊急事態の場合適合しない。 もし、眼に飛散したり、入ったりする可能性がある場合、耐薬品性の保護ゴーグルを着用すること。 少量流出：通常の帯電防止作業服は十分。大量流出：耐薬品性、帯電防止材料のフルボディスーツを勧める。

封じ込み及び浄化の方法及び機材

陸上での漏出： 危険を冒さずにできる場合は、漏れを停止させる。 ポンプでくみ出すか、または適切な吸収剤で回収する

海上での漏出： 危険を冒さずにできる場合は、漏れを停止させる。 直ちにオイルフェンスにより、流出物を封じ込めること。 他の輸送業者にも警告を行うこと。 すくい取るか、もしくは適切な吸収剤を用いて水面から除去する。 分散剤を使用する前に専門家の意見を求める。

海上での漏出および陸上での漏出についての記載内容は、この物質の最も起こりそうな漏出シナリオに基づいている。しかし、地理的条件、風向、気温、海上での漏出の場合は波、流れの方向、速度によってとるべき行動がおおきな影響を受けるかもしれない。こういった場合、その地方の専門家に相談するべきである。注：その地方の規制により、とるべき行動が指示あるいは制限されていることがある。

環境に対する注意事項

大量漏出：後に回収し処分するために、漏出場所から離れたところに堤防を設ける。 水路、下水道、地下または閉塞した場所へ流入することを防ぐ。

セクション 7　　取扱い及び保管上の注意

取扱い

滑りによる事故防止のため、少量のこぼれ、洩れを避けること。 この製品は電気スパーク （ 着火源 ） を起こす静電気を蓄積することがある。この製品をバルクで取り扱う場合、電気スパークが、存在する液体あるいは、残った液体から生じた可燃性蒸気に着火することもある （ 例えば、スイッチを作動するる作業中など ）。適切なアースや接地処置をすること。しかしながら、アースと設置が、静電気蓄積からの危険回避をできないこともある。適切に適用できるガイダンスを参照すること。この参考として次の引用がある。米国石油協会2003 （ Protection Against Ignitions Arising out of Static, Lightning and Stray Currents ） または、National Fire Protection Agency 77 （ Recommended Practice on Static Electricity ） または、CENELEC CLC/TR 50404 （ Electrostatics - Code of practice for the avoidance of hazards due to static electricity ） 。

静電気蓄積: 本物質は静電気を蓄積する。

保管

貯蔵用容器など、容器の選定により静電気の蓄積や放電が起こることがある。 密栓していない、あるいは製品表示のない容器には貯蔵しないこと。

セクション 8　　ばく露防止及び保護措置

許容濃度

許容濃度/基準値 （ 注記： 複数の値がある場合、加算的ではない ）

物質名	形態	許容値／規格			注意事項	出典
水素化処理した軽質パラフィン系蒸留油、石油	ミスト	TWA	3 mg/m3			日本OEL-JSOH
水素化処理した軽質パラフィン系蒸留油、石油	吸入可能なフラクション	TWA	5 mg/m3			ACGIH
水素化処理した軽質パラフィン系蒸留油、石油	ミスト	TWA	5 mg/m3			ACGIH
高度水素化重質パラフィン系油蒸留物	吸入可能なフラクション	TWA	5 mg/m3			ACGIH
高度水素化重質パラフィン系油蒸留物	ミスト	TWA	5 mg/m3			ACGIH

生物学的限界値

生物学的限界値は設定されていない。

注： 許容濃度／基準値は目安として示されている。適用される規制に従う。

設備的対策

必要な保護レベルと管理方法は、潜在する曝露条件によって変わる。以下の対策を考慮する；
通常の使用状況で適切に換気してあれば、特別に必要なものはない。

ばく露防止及び保護措置

保護具を選択する際は、実用性、取扱い方法、濃度および曝露され得る可能性を考慮する。 本物質を使用する際の保護具の選択についての情報は、以下に示すように、想定し得る通常の使用方法に基づいている。

呼吸用保護具: 設備的対応によっても空気中の濃度が、作業員の健康を保護するのに適切なレベルに保たれていない場合、国家検定合格の呼吸保護具を使用することが適当と思われる。該当する場合は、呼吸保護具の選定、使用および保守は法令に従わなければならない。本物質用に考えられる呼吸保護具のタイプは以下の通りである：
通常の使用状況で適切に換気してあれば、特別に必要なものはない。 微粒子状物質

空気中の濃度が高い場合、承認された空気供給式呼吸器を加圧モードで使用する。酸素レベルが適当ではない、ガス／蒸気の警告特性が貧弱、空気浄化フィルターの容量／定格オーバーの場合は、緊急ボンベ付き空気供給式呼吸器の使用が適切であると思われる。

手の保護具: ここで提供している具体的な保護手袋に関する情報は、公表された文献及び、保護手袋の製造業者のデータに基づいている。保護手袋の適合性及び、浸透時間は、具体的な使用条件により相違する。保護手袋の選定における明確なアドバイス及び、使用条件での浸透時間については、保護手袋の製造業者に問い合わせること。また、使用前に保護手袋を検査して、すり切れたり、損傷ある手袋は、交換すること。本製品を使用する際に、推奨できる保護手袋の種類は、次の通りである：
通常の使用条件下では、別段の保護措置を必要としない。 ニトリル,バイトン

目の保護具: 接触が生じそうな場合、側面シールド付き保護メガネが推奨される。

皮膚及び身体の保護具: 提供された個々の保護衣に関する情報は、公表された文献および製造業者のデータに基づいている。本物質用に考えられる保護衣のタイプは以下の通りである：
通常の使用条件下では、皮膚の保護は必要でない。良い環境衛生規範に従って、皮膚との接触を避けるための予防措置を取ること。

衛生措置: 本物質を取り扱った後、手を洗ってから飲食や喫煙をするなど、常に個人で適切な衛生的措置を続ける。汚染物質を取り除くために定期的に作業着と保護具を洗濯する。洗濯できない汚染された衣類及び靴などは廃棄する。確実な備品管理を実施する。

環境規制

大気、水、土壌への汚染を抑制するため、適用される環境に関する法規制に従うこと。また、環境への放出を防止又は抑制するため、適用される適切な管理方法を執り、環境を保全すること。

セクション 9 物理的及び化学的性質

注：物理的及び化学的性質は、安全，健康，環境に関する情報のためのみに提供するものであり、製品の全ての性状を示したものではない。 その他の情報については、供給者に相談すること。

一般情報

物理的状態: 液体
外観: 赤色
臭い: 特有
臭いの閾値: データなし

健康，安全，および環境に関する重要な情報

比重 (@ 15 ℃): 0.84
引火点 [試験法]: >175℃ (347° F) [ASTM D-92]
燃焼範囲 (おおよその空気中の容量%): 下限: 0.9 上限: 7.0
燃焼性(固体、ガス): 適用外
自然発火温度: データなし
沸点 / 範囲: > 316℃ (600° F)
蒸気密度 (空気 = 1): > 2 @101 kPa
蒸気圧: < 0.013 kPa (0.1 mm Hg) @ 20℃
蒸発速度 (酢酸n-ブチル = 1): データなし
pH: 適用外
Log Pow (n-オクタノール/水分配係数): > 3.5
溶解度: 無視できる
粘度: 22.4 cSt (22.4 mm2/sec) @ 40℃ | 5.2 cSt (5.2 mm2/sec) @ 100℃
分解温度: データなし
酸化特性: 危険有害性の要約の項を参照.

その他の情報

凝固点: データなし
融点: 適用外
流動点: -45℃ (-49° F)
DMSO抽出物 (鉱物油のみ), IP-346: < 3 重量%

セクション 10 安定性及び反応性

化学安定性: 通常状態で安定。

避けるべき条件: 過剰加熱。 高着火エネルギー源

混触危険物質: 強酸化剤

危険有害な分解生成物: この物質は、常温では分解しない。

危険有害反応可能性： 危険有害性のある重合はおきない。

セクション 11 有害性情報

急性毒性

ばく露経路	結論／備考
吸入	
毒性：評価項目データなし	毒性が極めて低い。 組成物質の評価に基づく
炎症：評価項目データなし	常温/通常取り扱う温度では、無視できる有害性しかない。
摂取	
毒性：評価項目データなし	毒性が極めて低い。 組成物質の評価に基づく
皮膚	
毒性：評価項目データなし	毒性が極めて低い。 組成物質の評価に基づく
炎症：評価項目データなし	常温では、皮膚の炎症は殆ど起きない。 組成物質の評価に基づく
眼	
炎症：評価項目データなし	眼に、短い時間軽度な不快感を及ぼす恐れがある。 組成物質の評価に基づく

短長期暴露による他の健康影響
ヒトでの経験や実験データから、亜慢性、慢性の呼吸器系又は皮膚感作性、変異原生、生殖毒性、発がん性、標的臓器毒性（単回暴露又は反復暴露）、吸引性呼吸器有害性その他の健康影響が予想される。

製品:
この組成あるいは、類似する処方での試験結果に基づき、この処方の各組成濃度は、皮膚感作を引き起こすとは予測できない。
内容物:
高度精製基油： 動物実験で発癌性なし。代表製品においては、 IP-346、修正AMES試験及び他のスクリーニングテストにも合格している。皮膚への塗付、吸入での研究では、最小の影響であることが示されている； 肺に対し、免疫細胞の特定の浸潤、オイル沈着及び最小の肉芽腫もない。また、実験動物において感作性はない。

参照データの出典の記述はセクション16を参照。

IARC(国際がん研究機関) 分類:
以下の成分は、下記リストで示す: なし。

--探索した規制リスト--
1 = IARC 1(ヒトに対して発ガン性がある)　2 = IARC 2A(ヒトに対して恐らく発ガン性がある)　3 = IARC 2B(ヒトに対して発ガン性がある可能性がある)

セクション 12 環境影響情報

ここに示す情報は、この物質、成分および類似物質のデータに基づいている。

生態毒性

物質 -- 水中生物に有毒であると予測される。長期間にわたり、環境に有害作用を与える原因となることがある。

土壌中の移動性

基油(ベースオイル) 成分 -- 本物質は、溶解度が低く、浮遊し、水中から陸地に移動することが予測される。 汚泥ならびに汚水固形物として分離し得る。

残留性及び分解性
生物分解:

基油(ベースオイル) 成分 -- 本質的に生分解性と予測される。

生体蓄積性

基油(ベースオイル) 成分 -- 生態蓄積の可能性を有するが、代謝あるいは物理的特性により、生体内濃度を低下させたり、生体利用効率を制限させたりすることもある。

参照データの出典の記述はセクション16を参照。

セクション 13 廃棄上の注意

廃棄方法

供給された物質を適切に廃棄する。廃棄に際しては、その時点での廃棄物の状態に応じて、適用される法律、規制に従わなければならない。

残余廃棄物

本製品は燃料として、密閉系の火力調整できるバーナーで燃やすか、または有害な燃焼物の生成を防ぐために特別に管理された設備で焼却するのが適している。 環境を保護すること。使用油は、指定された場所で廃棄処分すること。皮膚接触を最小限にすること。使用油を溶媒、ブレーキ液あるいは、クーラント等と混合しないで下さい。

空容器に関する警告 空容器に関する警告 (該当する場合): 空容器には残留物が含まれていることがあり、危険である可能性がある。正しい指示を得ないで、容器の再充填またはクリーニングをしてはいけない。空のドラム缶は適切に修

理するか廃棄するまで、内容物を完全に取り出し安全に保管するべきである。空容器は、適切な資格を持つかまたはライセンスを受けた契約業者により、政府の規則に従いリサイクル、回収、または廃棄するべきである。容器に加圧、切断、溶接、ろう付け、はんだ付け、穴開け、研磨操作を加えたり、容器を熱、火炎、スパーク、静電気、または他の発火源にさらしてはいけない。容器は爆発し、傷害や死亡事故を引き起こすことがある。

セクション 14 輸送上の注意

陸上－輸送手段及び輸送条件の注意事項:
第1類、第6類の危険物及び高圧ガスと混載しないこと。 その他関係法令の定めるところに従う。

海上輸送 (IMDG): IMDGコードによると、海上輸送では規制対象外

海洋汚染物質: なし

航空輸送 (IATA): 空輸に関する規定無し

セクション 15 適用法令

この物質は、化学品の分類及び表示に関する調和システム(GHS) (JIS Z 7252-2014)に基づく区分によれば有害性があると見なされる。

規制現状および適用法令

下記の既存化学物質リストに収載されているか、収載・通知が免除されている。: AICS, DSL, ENCS, KECI, TCSI, TSCA

特別な場合:

リスト	状況
IECSC	限定的適用

適用法令:

化審法: 既存化学物質
消防法：危険物第４類 引火性液体 第３石油類 （非水溶性液体）、危険等級Ⅲ
労働安全衛生法 ： 通知対象物質
海洋汚染防止法：規制対象物質
船員労働安全衛生規則 ： 該当
毒物及び劇物取締法（PDSCL）： 非該当
化学物質管理促進法（PRTR法）： 非該当
下水道法：鉱油類排出規制（5mg/L 許容濃度 ）
廃棄物処理法: 産業廃棄物
水質汚濁防止法：油分排出規制（５mg/L 許容濃度）

セクション 16 その他の情報

参照文献: このSDSの作成にあたり、以下の文献の一つ又は二つ以上を引用している; 社内または供給業者のトキシコロジー研究結果、CONCAWEプロダクトドシェ、欧州炭化水素溶剤REACHコンソーシアムのような通商協会の刊行物、米国HPVロバストサマリー、欧州IUCLIDデータベース 米国NTP刊行物、必要に応じたその他の文献.

N/D =情報なし, N/A =非該当
本文のセクション 3 に、GHS の H-コードを追記した（情報のため）
H302 : 飲み込むと有毒 ; 急性毒性（経口)、区分 4
H304 : 飲み込んで気道に侵入すると生命に危険のおそれ ; 吸入、区分 1
H316 : 軽度の皮膚刺激 ; 皮膚腐食性 / 刺激性、区分 3
H317 : アレルギー性皮膚反応を起こすおそれ ; 皮膚感作性、区分 1
H319(2A) : 強い眼の刺激 ; 眼に対する重篤な損傷性又は眼刺激性、区分 2A
H400 : 水生生物に非常に強い毒性 ; 水性環境有害性（急性）区分 1
H410 : 長期継続的影響によって水生生物に非常に強い毒性 ; 水性環境有害性（長期間）区分 1

本安全データシートの改訂状況は以下のとおり:

セクション 02 : GHS 感作物質記述 情報が修正された.
セクション 04 : 応急処置の吸入－見出し 情報が修正された.
セクション 04 : 応急処置の摂取－見出し 情報が修正された.
セクション 04 : 応急処置の注意事項-見出し 情報が修正された.
セクション 04 : 応急処置の皮膚との接触-見出し 情報が修正された.
セクション 04 : 応急処置の目－見出し 情報が修正された.
セクション 05 : 危険可燃性製品 情報が修正された.
セクション 05 : 火災時の措置 － 不適切な消火剤-見出し 情報が修正された.
セクション 05 : 発火点-見出し 情報が修正された.
セクション 06 : 事故時の措置-環境上の予防措置 情報が修正された.
セクション 06 : 漏油管理-見出し 情報が修正された.
セクション 06 : 漏出時の措置-防止策-見出し 情報が修正された.
セクション 07 : 取扱い及び貯蔵－取扱い 情報が修正された.
セクション 07 : 取扱い及び貯蔵－貯蔵状態 情報が修正された.
セクション 08 : 保護具－見出し 情報が修正された.
セクション 08 : 保護手袋 情報が修正された.
セクション 08 : 保護手袋-見出し 情報が修正された.
セクション 08 : 呼吸器用保護具-見出し 情報が修正された.
セクション 08 : 暴露限界/基準 情報が修正された.
セクション 08 : 暴露限界/基準-見出し 情報が削除された.
セクション 08 : 皮膚及び身体の保護 情報が修正された.
セクション 08 : 皮膚及び身体の保護-見出し 情報が修正された.
セクション 08 : 眼の保護-見出し 情報が修正された.
セクション 09 : 水への溶解性 情報が修正された.
セクション 09 : 臭気閾値-見出し 情報が修正された.
セクション 09 : 臭気-見出し 情報が修正された.

セクション 09 ： 色-見出し 情報が修正された.
セクション 09 ： 蒸発速度－見出し 情報が修正された.
セクション 11 ： 急性毒性の項目見出し 情報が修正された.
セクション 11 ： その他の健康への影響 － 見出し 情報が修正された.
セクション 11 ： その他の健康への影響 情報が削除された.
セクション 12 ： 残存性及び分解性-見出し 情報が修正された.
セクション 12 ： 生体蓄積性－見出し 情報が修正された.
セクション 12： 移動性-見出し 情報が修正された.
セクション 13 ： 推奨する廃棄処理-見出し 情報が修正された.
セクション 14 ： 海洋汚染物質 情報が修正された.
セクション 15：国内の有害性記述 情報が修正された.
セクション 2 ： 分解／添加剤の情報 情報が修正された.
セクション 8 ： 暴露防止措置-見出し 情報が修正された.
セクション 9: 可燃性（固体、ガス） - 表題 情報が修正された.
セクション10： 分解物－見出し 情報が修正された.
セクション10： 危険有害性反応の可能性－見出し 情報が修正された.
セクション10： 安定性-見出し 情報が修正された.
セクション10： 忌避物質-見出し 情報が修正された.
セクション11：毒物表―見出し 情報が修正された.
セクション11： 経口致死性試験データに関するコメント 情報が修正された.
組成：Component Table 情報が修正された.
GHS 注意書き - 安全対策 情報が修正された.
GHS 注意書き - 廃棄 情報が修正された.
GHS 注意書き - 応急措置 - ヘッダー 情報が削除された.
GHS 注意書き - 応急措置 情報が削除された.
GHS 環境危険有害性分類 情報が修正された.
GHS 環境危険有害性物質 情報が修正された.
セクション 04 ： 応急処置の皮膚との接触 情報が修正された.
セクション 11 ： その他の健康への影響 情報が追加された.
セクション 15 ： 各国化審法適合状況 情報が修正された.
セクション 16 ： H―コード 情報が修正された.

に影響力を持つ被支配会社を含むことがあります。

弊社使用欄
MHC:　0B, 0B, 0, 0, 0, 0　　PPEC:　C
DGN:　7114496XJP　(1019488)

会社情報

販売者:　トヨタ自動車株式会社

〒471-8571　愛知県豊田市トヨタ町１番地

連絡先:0565－28－2121

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

1.1. Product identifier

Product form : Mixture

Trade name : Toyota Differential Gear Oil 75W90

Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use

Use of the substance/mixture : Gear oil

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Toyota Motor Europe
Bourgetlaan 60
1140 Brussel - Belgium
T +32 (0)2 745 20 11
hazmat@toyota-europe.com

National representative : Reference to other sections 16

1.4. Emergency telephone number

Emergency number : + 32 3 575 55 55 (24/7)

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, 24/7, healthcare professionals only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Extra phrases : EUH208 - Contains Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl, Reaction product of 1,3,4-

thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.. May produce an allergic reaction.
EUH210 - Safety data sheet available on request.

Extra phrases : Information given is based on tests on the mixture itself.

2.3. Other hazards

Other hazards : Results of PBT and vPvB assessment : Not applicable. Could burn but do not ignite readily. Product may release Hydrogen Sulphide: A specific assessment of inhalation risks from the presence of hydrogen sulphide in tank headspaces, confined spaces, product residue, tank waste and waste water, and unintentional releases should be made to help determine controls appropriate to local circumstances.

Component	
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Component	
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	The substance is included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Base oil, DMSO < 3%

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl	(EC-No.) 931-384-6	1 -< 2,5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. substance listed as REACH Candidate (Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]) substance identified as having endocrine disrupting properties	(EC-No.) 939-460-0	0,1 -< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice : First aider: Pay attention to self-protection!. Concerning personal protective equipment to use, see section 8. Never give anything by mouth to an unconscious person. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance.

Inhalation : Remove casualty to fresh air and keep warm and at rest. In case of doubt or persistent symptoms, consult always a physician.

Skin contact : Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. In case of doubt or persistent symptoms, consult always a physician.

Eyes contact : Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of doubt or persistent symptoms, consult always a physician.

Ingestion : Rinse mouth thoroughly with water. Do not induce vomiting. Get medical advice/attention.

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

Inhalation : Repeated or prolonged exposure: Inhalation of mist causes irritation of respiratory system. Symptoms : Breathing difficulties. Cough.

Skin contact : May produce an allergic reaction. May cause dermatitis by skin contact. The following symptoms may occur: Redness, Itching, Cracking of the skin, Blisters.

Eyes contact : May cause eye irritation. The following symptoms may occur: Tears, Redness, Pain, Itching.

Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO2), powder, alcohol-resistant foam, water spray.

Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Not flammable. Heating will cause a rise in pressure with a risk of bursting. Could burn but do not ignite readily. Vapours are heavier than air and may spread along floors.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2). Organic compounds. Sulphur oxides. Phosphorus oxides. Nitrogen oxides. Hydrogen sulfide.

5.3. Advice for firefighters

Firefighting instructions : Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

For non-emergency personnel : Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Do not breathe vapours. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so. Dam up the liquid spill.

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Recover large spills by pumping (use an explosion proof or hand pump). Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe vapours. Avoid contact with skin, eyes and clothing. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid release to the environment. Contaminated work clothing must not be allowed out of the workplace. Avoid the build-up of electrostatic charge. Ground/bond container and receiving equipment.

Hygiene measures : Keep good industrial hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Product may release Hydrogen Sulphide: A specific assessment of inhalation risks from the presence of hydrogen sulphide in tank headspaces, confined spaces, product residue, tank waste and waste water, and unintentional releases should be made to help determine controls appropriate to local circumstances.

Storage conditions : Keep container tightly closed. Store in a dry, cool and well-ventilated place. Do not store near or with any of the incompatible materials listed in section 10. Bund storage facilities to prevent soil and water pollution in the event of spillage. Avoid static electricity discharges.

Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep out of direct sunlight.

Packaging materials : Keep only in the original container. Never use pressure to empty container.

7.3. Specific end use(s)

Reference to other sections : 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional information : Personal air monitoring :. Room air monitoring. Recommended monitoring procedures

8.2. Exposure controls

Engineering measure(s) : Provide adequate ventilation. Organisational measures to prevent /limit releases, dispersion and exposure. See Section 7 for information on safe handling .

Personal protective equipment : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hand protection	:	Wear chemically resistant gloves (tested to EN374) . Suitable material: Silver shield ® / 4H® (PE/EVAL/PE), Nitrile rubber, VITON gloves. Thickness : > 0,3mm. Breakthrough time : refer to the recommendations of the supplier. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
Eye protection	:	If there is a risk of liquid being splashed : Use suitable eye protection (EN 166): Safety glasses with side shields
Body protection	:	Wear suitable protective clothing. Avoid contact with skin and clothing.
Respiratory protection	:	Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment. full face mask (DIN EN 136). Half-face mask (DIN EN 140). Filter type: AP (EN 141).
Thermal hazard protection	:	Not required for normal conditions of use. Use dedicated equipment.
Environmental exposure controls	:	Avoid release to the environment. Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Liquid.
Colour	:	amber.
Odour	:	petroleum hydrocarbon odour.
Odour threshold	:	No data available
pH	:	Not applicable
Relative evaporation rate (butylacetate=1)	:	No data available
Melting / freezing point	:	No data available
Freezing point	:	Not applicable
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Not applicable,liquid
Vapour pressure	:	No data available
Vapour density	:	No data available
Relative density	:	No data available
Density	:	0,8710 kg/l (15°C)
Solubility	:	Soluble in hydrocarbons. Water: Insoluble
Partition coefficient n-octanol/water	:	No data available
Kinematic viscosity	:	93 mm^2/s (40°C)
Dynamic viscosity	:	No data available
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.
Explosive limits	:	Not applicable
Particle size	:	Not applicable
Particle size distribution	:	Not applicable
Particle shape	:	Not applicable
Particle aspect ratio	:	Not applicable
Particle aggregation state	:	Not applicable
Particle agglomeration state	:	Not applicable
Particle specific surface area	:	Not applicable
Particle dustiness	:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions. Reference to other sections 10.5.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4. Conditions to avoid

Avoid the build-up of electrostatic charge. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. See Section 7 for information on safe handling.

10.5. Incompatible materials

Strong acids, strong oxidants. (Chlorates /. Nitrates /. Peroxide / ...). See Section 7 for information on safe handling.

10.6. Hazardous decomposition products

Reference to other sections : 5.2.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	:	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Serious eye damage/irritation	:	Not classified Information given is based on tests on the mixture itself. pH: Not applicable

Respiratory or skin sensitisation : Not classified

Information given is based on tests on the mixture itself.
Contains Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl, Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.. May produce an allergic reaction.

Germ cell mutagenicity : Not classified

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)

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

Toyota Differential Gear Oil 75W90	
Kinematic viscosity	93 mm²/s (40°C)

Other information : Symptoms related to the physical, chemical and toxicological characteristics. For further information see section 4.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

11.2.2 Other information

Other information : Symptoms related to the physical, chemical and toxicological characteristics,For further information see section 4

SECTION 12: Ecological information

12.1. Toxicity

Environmental properties : Ecological problems are not known or expected under normal use.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

Toyota Differential Gear Oil 75W90	
Persistence and degradability	Not readily biodegradable.

12.3. Bioaccumulative potential

Toyota Differential Gear Oil 75W90	
Partition coefficient n-octanol/water	No data available
Bioaccumulative potential	No additional information available.

12.4. Mobility in soil

Toyota Differential Gear Oil 75W90	
Mobility in soil	No data available

12.5. Results of PBT and vPvB assessment

Toyota Differential Gear Oil 75W90	
Results of PBT assessment	Not applicable

Component	
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

12.7. Other adverse effects

Other adverse effects : No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Do not pierce or burn, even after use. Do not burn, or use a cutting torch on the empty drum.

Additional information : Empty containers should be taken to local recyclers for disposal. In accordance with local and national regulations.

Further ecological information : Do not allow to enter into surface water or drains.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : 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:
other engine, gear and lubricating oils (CH: 13 02 08*ds),
packaging containing residues of or contaminated by dangerous substances (CH: 15 01 10*ds).

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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(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	Toyota Differential Gear Oil 75W90 ; Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl

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	Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl
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.	Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.

Contains a substance on the REACH candidate list in concentration ≥ 0.1% or with a lower specific limit: Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)] (EC 939-460-0)

Contains no REACH Annex XIV substances

15.1.2. National regulations

Danish product registration number : 1905136
Norwegian PR-nr : 101746

France

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
na	Not Applicable	na	na

Germany

Regulatory reference : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

Waterbezwaarlijkheid : B (4) - Weinig schadelijk voor in het water levende organismen

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Switzerland

This safety datasheet has been prepared according to Swiss legislation. : Annex II, Ochim / WGK 2

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

1	SDS EU format according to COMMISSION REGULATION (EU) 2020/878	Modified	
2	Hazards identification	Modified	
3	Composition/information on ingredients	Modified	
9	Physical and chemical properties	Modified	
14	Transport information	Modified	
15	Regulatory information	Modified	
16	Other information	Modified	

Abbreviations and acronyms:

	ABM = Algemene beoordelingsmethodiek
	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
	BTT = Breakthrough time (maximum wearing time)
	DMEL = Derived Minimal Effect level
	DNEL = Derived No Effect Level
	EC50 = Median Effective Concentration
	EL50 = Median effective level
	ErC50 = EC50 in terms of reduction of growth rate
	ErL50 = EL50 in terms of reduction of growth rate
	EWC = European waste catalogue
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	LL50 = Median lethal level
	NA = Not applicable
	NOEC = No observed effect concentration
	NOEL: no-observed-effect level
	NOELR = No observed effect loading rate
	NOAEC = No observed adverse effect concentration
	NOAEL = No observed adverse effect level
	N.O.S. = Not Otherwise Specified
	OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs)
	PNEC = Predicted No Effect Concentration
	Quantitative structure-activity relationship (QSAR)
	STOT = Specific Target Organ Toxicity
	TWA = time weighted average

	VOC = Volatile organic compounds
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the datasheet : ECHA (European Chemicals Agency). Name (SDS) Toyota Genuine Differential Oil 75W-90. Revision date : 2.04.2021. Manufacturer/Supplier Chevron Belgium NV. CONCAWE Hazard classification and labelling of petroleum substances in the European Economic Area - 2010 (revised May 2012).

Training advice : Training staff on good practice.

Other information : Assessment/classification CLP. Article 9. Calculation method.

National representative : United Kingdom:

Toyota (GB) Plc.

Great Burgh, Burgh Heath, Epsom, Surrey KT18 5UX, United Kingdom

Tel: 441737367516

Ireland:

Toyota Ireland

Killeen Road, Dublin 12, Ireland

Tel: 00-353-1- 4190218

Malta:

Michael Debono Ltd

Notabile Road, ZBG-9017, Zebbug, Malta

Tel: 00356 2269 4000

Israël:

United Motors Ltd.

Toyota Towers, 67 Yigal Alon Street, 67443 Tel-Aviv, Israel

Tel: 00972/ 8 942 5331

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl, Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: **TOYOTA AUTO FLUID WS**
Product Description: Base Oil and Additives
Product Code: 202030206518, 520171-87
Recommended Use: Automatic transmission fluid

COMPANY IDENTIFICATION

Supplier: **EMG Marketing Godo Kaisha**
Lubricants & Specialties
W Building
1-8-15, Kohnan, Minato-ku
Tokyo 108-8005 Japan

Supplier General Contact 0120-016-313

SECTION 2 HAZARDS IDENTIFICATION

This material is hazardous according to regulatory guidelines (see (M)SDS Section 15).

GHS CLASSIFICATION:

Acute aquatic toxicant: Category 2. Chronic aquatic toxicant: Category 2.

GHS Label Elements:
Pictogram:

Signal Word: No Signal Word

Hazard Statements:

Environmental: H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

General: 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.
Prevention: P273: Avoid release to the environment.
Response: P391: Collect spillage.
Disposal: P501: Dispose of contents and container in accordance with local regulations.

Other hazard information:

PHYSICAL / CHEMICAL HAZARDS

No significant hazards.

HEALTH HAZARDS

High-pressure injection under skin may cause serious damage. Excessive exposure may result in eye, skin, or respiratory irritation.

ENVIRONMENTAL HAZARDS

No additional hazards.

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This material is defined as a mixture.

Hazardous Substance(s) or Complex Substance(s) required for disclosure

Name	CAS#	Concentration*	GHS Hazard Codes
ALKYL METHACRYLATE COPOLYMER		1 - 5%	H319(2A)
ALKYL THIOPHOSPHITES	Confidential	0.1 - 1%	H312, H314(1B), H400(M factor 10), H410(M factor 10)
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	64742-71-8	20 - 30%	H304
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	64742-71-8	30 - 40%	H304
SEVERELY HYDROTREATED HEAVY PARAFFINIC DISTILLATE	64742-54-7	20 - 30%	H304

* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume.

JAPANESE COMPOSITION INFORMATION

Industrial Safety and Health Law: Article 57, Chemical substances to be labelled: None.

Industrial Safety and Health Law: Article 57-2, Chemical substances to be notified:

Name	ISHL Ordinance Number	Concentration
KEROSENE	380	0.1-1 %weight

Industrial Safety and Health Law: Article 57-2, Chemical Substances to be notified:

Name	ISHL Ordinance Number	Concentration
Mineral Oil	168	80-90 %weight

ISHL Enforcement Order, Table 3-1, Manufacturing Permit Chemical Substances: None.

PRTR Class 1 Designated Chemical Substances: None.

PRTR Class 2 Designated Chemical Substances: None.

PDSCL Chemical Substances: None.

SECTION 4 FIRST AID MEASURES

INHALATION

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

SKIN CONTACT

Wash contact areas with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

First aid is normally not required. Seek medical attention if discomfort occurs.

NOTE TO PHYSICIAN

None

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products: Smoke, Fume, Aldehydes, Sulfur oxides, Incomplete combustion products, Oxides of carbon

FLAMMABILITY PROPERTIES

Flash Point [Method]: >175 ° C (347 ° F) [ASTM D-92]
Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0
Autoignition Temperature: N/D

SECTION 6 ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

PERSONAL PRECAUTIONS

Avoid contact with spilled material. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

For emergency responders: Respiratory protection: respiratory protection will be necessary only in special cases, e.g., formation of mists. Half-face or full-face respirator with filter(s) for dust/organic vapor or Self Contained Breathing Apparatus (SCBA) can be used depending on the size of spill and potential level of exposure. If the exposure cannot be completely characterized or an oxygen deficient atmosphere is possible or anticipated, SCBA is recommended. Work gloves that are resistant to hydrocarbons are recommended. Gloves made of polyvinyl acetate (PVA) are not water-resistant and are not suitable for emergency use. Chemical goggles are recommended if splashes or contact with eyes is possible. Small spills: normal antistatic work clothes are usually adequate. Large spills: full body suit of chemical resistant, antistatic material is recommended.

SPILL MANAGEMENT

Land Spill: Stop leak if you can do it without risk. Do not touch or walk through spilled material. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Recover by pumping or with suitable absorbent.

Water Spill: Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7 HANDLING AND STORAGE

HANDLING

Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance. Additional references include American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or National Fire Protection Agency 77 (Recommended Practice on Static Electricity) or CENELEC CLC/TR 50404 (Electrostatics - Code of practice for the avoidance of hazards due to static electricity).

Static Accumulator: This material is a static accumulator.

STORAGE

The container choice, for example storage vessel, may effect static accumulation and dissipation. Do not store in open or unlabelled containers.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

Exposure limits/standards (Note: Exposure limits are not additive)

Substance Name	Form	Limit / Standard	NOTE	Source

CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	Mist.	TWA	3 mg/m3			Japan OELs - JSOH
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	Mist.	TWA	3 mg/m3			Japan OELs - JSOH
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	Inhalable fraction.	TWA	5 mg/m3			ACGIH
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	Inhalable fraction.	TWA	5 mg/m3			ACGIH
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	Mist.	TWA	5 mg/m3			ACGIH
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	Mist.	TWA	5 mg/m3			ACGIH
SEVERELY HYDROTREATED HEAVY PARAFFINIC DISTILLATE	Inhalable fraction.	TWA	5 mg/m3			ACGIH
SEVERELY HYDROTREATED HEAVY PARAFFINIC DISTILLATE	Mist.	TWA	5 mg/m3			ACGIH

Exposure limits/standards for materials that can be formed when handling this product: When mists/aerosols can occur the following is recommended: 5 mg/m^3 - ACGIH TLV (inhalable fraction).

Biological limits

No biological limits allocated.

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:
No special requirements under ordinary conditions of use and with adequate ventilation.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of

protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:
No special requirements under ordinary conditions of use and with adequate ventilation.
Particulate

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapor warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:
No protection is ordinarily required under normal conditions of use. Nitrile,Viton

Eye Protection: If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:
No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

GENERAL INFORMATION

Physical State: Liquid
Color: Red
Odor: Characteristic
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 °C): 0.86
Flash Point [Method]: >175 °C (347 °F) [ASTM D-92]
Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0
Flammability (Solid, Gas): N/A
Autoignition Temperature: N/D
Boiling Point / Range: > 316 °C (600 °F)
Vapor Density (Air = 1): > 2 at 101 kPa
Vapor Pressure: < 0.013 kPa (0.1 mm Hg) at 20 °C
Evaporation Rate (n-butyl acetate = 1): N/D
pH: N/A
Log Pow (n-Octanol/Water Partition Coefficient): > 3.5
Solubility in Water: Negligible
Viscosity: 23 cSt (23 mm2/sec) at 40 °C | 5.45 cSt (5.45 mm2/sec) at 100 °C
Decomposition Temperature: N/D
Oxidizing Properties: See Hazards Identification Section.

OTHER INFORMATION

Freezing Point: N/D
Melting Point: N/A
DMSO Extract (mineral oil only), IP-346: < 3 %wt

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat. High energy sources of ignition.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Route of Exposure	Conclusion / Remarks
Inhalation	

Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
Ingestion	
Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Skin	
Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Irritation: No end point data for material.	Negligible irritation to skin at ambient temperatures. Based on assessment of the components.
Eye	
Irritation: No end point data for material.	May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.

OTHER HEALTH EFFECTS FROM SHORT AND LONG TERM EXPOSURE
Anticipated health effects from sub-chronic, chronic, respiratory or skin sensitization, mutagenicity, reproductive toxicity, carcinogenicity, target organ toxicity (single exposure or repeated exposure), aspiration toxicity and other effects based on human experience and/or experimental data.

Contains:
Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests. Dermal and inhalation studies showed minimal effects; lung non-specific infiltration of immune cells, oil deposition and minimal granuloma formation. Not sensitizing in test animals.

See Section 16 for a description of sources for reference data.

IARC Classification:
The following ingredients are cited on the lists below: None.

--REGULATORY LISTS SEARCHED--
1 = IARC 1 2 = IARC 2A 3 = IARC 2B

SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

Material -- Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

MOBILITY

Base oil component -- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Base oil component -- Expected to be inherently biodegradable

BIOACCUMULATION POTENTIAL

Base oil component -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

See Section 16 for a description of sources for reference data.

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Protect the environment. Dispose of used oil at designated sites. Minimize skin contact. Do not mix used oils with solvents, brake fluids or coolants.

Empty Container Warning Empty Container Warning (where applicable): **Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

SECTION 14 TRANSPORT INFORMATION

LAND - Precautionary Transportation Measures & Conditions:

Do not co-load together with dangerous substances categorized in Fire Cat. 1 and/or 6, and/or High Pressure Gases.

NOTE: Comply with applicable laws and regulations.

SEA (IMDG)

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Alkyl phosphite)
Hazard Class & Division: 9
EMS Number: F-A, S-F
UN Number: 3082
Packing Group: III
Marine Pollutant: Yes
Label(s): 9
Transport Document Name:

AIR (IATA)

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Alkyl phosphite)
Hazard Class & Division: 9
UN Number: 3082
Packing Group: III
Label(s) / Mark(s): 9, EHS
Transport Document Name:

SECTION 15 REGULATORY INFORMATION

This material is considered hazardous according to the Classification of Chemicals based on Globally Harmonized System of Classification and Labelling of Chemicals (GHS) (JIS Z 7252–2009).

REGULATORY STATUS AND APPLICABLE LAWS AND REGULATIONS

Complies with the following national/regional chemical inventory requirements: AICS, DSL, ENCS, IECSC, KECI, PICCS, TSCA

National Laws and Regulations:

Chemical Substances Control Law: Existing Chemicals
Fire Service Law: Category 4, Flammable Liquids, Class III (#3 Petroleum), Water immiscible
ISHL: Notified Substances
Maritime Pollution Prevention Law: Regulated
Mariners Labour Safety and Health Regulation: Regulated
Poisonous and Deleterious Substances Control Law (PDSCL): Not Regulated
Pollutant Release and Transfer Register (PRTR): Not Regulated

Sewage Water Law: Mineral oil (5mg/l max.)
Waste Treatment Law : Controlled Industrial Waste
Water Pollution Control Law: Effluent Regulation (5mg/l max.)

SECTION 16 OTHER INFORMATION

SOURCE OF REFERENCE MATERIAL: Sources of information used in preparing this SDS included one or more of the following: results from in house or supplier toxicology studies, CONCAWE Product Dossiers, publications from other trade associations, such as the EU Hydrocarbon Solvents REACH Consortium, U.S. HPV Program Robust Summaries, the EU IUCLID Data Base, U.S. NTP publications, and other sources, as appropriate.

N/D = Not determined, N/A = Not applicable
KEY TO THE H-CODES CONTAINED IN SECTION 3 OF THIS DOCUMENT (for information only):
H304: May be fatal if swallowed and enters airways; Aspiration, Cat 1
H312: Harmful in contact with skin; Acute Tox Dermal, Cat 4
H314(1B): Causes severe skin burns and eye damage; Skin Corr/Irritation, Cat 1B
H319(2A): Causes serious eye irritation; Serious Eye Damage/Irr, Cat 2A
H400: Very toxic to aquatic life; Acute Env Tox, Cat 1
H410: Very toxic to aquatic life with long lasting effects; Chronic Env Tox, Cat 1

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:
Revision Changes:
Section 06: Protective Measures information was modified.
Section 09: Boiling Point C(F) information was modified.
Section 09: Vapor Pressure information was modified.
Section 11: Dermal Lethality Test Data information was modified.
Section 11: Dermal Lethality Test Comment information was modified.
Section 11: Oral Lethality Test Data information was modified.
Section 11: Inhalation Lethality Test Data information was modified.
Section 11: Dermal Irritation Test Data information was modified.
Section 11: Eye Irritation Test Data information was modified.
Section 11: Oral Lethality Test Comment information was modified.
Section 11: Dermal Irritation Test Comment information was modified.
Section 11: Eye Irritation Test Comment information was modified.
Section 09: Relative Density - Header information was modified.
Section 09: Viscosity information was modified.
Section 09: Viscosity information was modified.
Section 11: Inhalation Lethality Test Comment information was modified.
Section 11: Additional Health Information information was modified.
Section 16: MSN, MAT ID information was modified.
Section 08: Exposure limits/standards information was modified.
Composition: ISHL Table information was modified.
Section 01: Company Contact Methods Sorted by Priority information was modified.
Section 09: Japan Flash Point C(F) information was modified.
Composition: ISHL information was modified.
Composition: Component Table information was modified.

Section 08: Exposure Limits Table information was modified.
GHS Target Organ Phrase information was added.
Section 15: Mariners Labour Safety and Health Regulation information was added.
Section 12: Ecological data - Header information was deleted.

Internal Use Only
MHC: 0B, 0B, 0, 0, 0, 0 PPEC: A
DGN: 7049969XJP (1013462)

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: **TFF ATF T-IV JWS 3309**
Product Description: Base Oil and Additives
Product Code: 202030206523, 562298-80
Recommended Use: Automatic transmission fluid

COMPANY IDENTIFICATION

Supplier: **EMG Lubricants GodoKaisha**
W Building
1-8-15, Kohnan, Minato-ku
Tokyo 108-8005 Japan

Supplier General Contact 0120-016-313

SECTION 2 HAZARDS IDENTIFICATION

This material is not hazardous according to regulatory guidelines (see (M)SDS Section 15).

Other hazard information:

PHYSICAL / CHEMICAL HAZARDS
No significant hazards.

HEALTH HAZARDS
High-pressure injection under skin may cause serious damage. Excessive exposure may result in eye, skin, or respiratory irritation.

ENVIRONMENTAL HAZARDS
No significant hazards.

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This material is defined as a mixture.

Hazardous Substance(s) or Complex Substance(s) required for disclosure

Name	CAS#	Concentration*	GHS Hazard Codes
ALKYL PHENOL	125643-61-0	1 - < 5%	H413
ALKYL PHOSPHITES	Confidential	0.1 - < 1%	H312, H314(1B), H400(M factor 10), H410(M factor 10)
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	64742-71-8	20 - < 30%	H304
LUBRICATING OILS (PETROLEUM), HYDROTREATED NEUTRAL OIL-BASED	72623-86-0	10 - < 20%	H304

* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume.

JAPANESE COMPOSITION INFORMATION

Industrial Safety and Health Law: Article 57, Chemical substances to be labelled:

Name	Concentration
Mineral Oil	90-100 wt%

Industrial Safety and Health Law: Article 57-2, Chemical substances to be notified:

Name	ISHL Ordinance Number	Concentration
KEROSENE	380	0.1-1 %weight

Industrial Safety and Health Law: Article 57-2, Chemical Substances to be notified:

Name	ISHL Ordinance Number	Concentration
Mineral Oil	168	90-100 %weight

ISHL Enforcement Order, Table 3-1, Manufacturing Permit Chemical Substances: None.

PRTR Class 1 Designated Chemical Substances: None.

PRTR Class 2 Designated Chemical Substances: None.

PDSCL Chemical Substances: None.

SECTION 4 FIRST AID MEASURES

INHALATION

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

SKIN CONTACT

Wash contact areas with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

First aid is normally not required. Seek medical attention if discomfort occurs.

NOTE TO PHYSICIAN

None

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products: Aldehydes, Incomplete combustion products, Oxides of carbon, Smoke, Fume, Sulfur oxides

FLAMMABILITY PROPERTIES

Flash Point [Method]: >185° C (365° F) [ASTM D-92]
Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0
Autoignition Temperature: N/D

SECTION 6 ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

PERSONAL PRECAUTIONS

Avoid contact with spilled material. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

For emergency responders: Respiratory protection: respiratory protection will be necessary only in special cases, e.g., formation of mists. Half-face or full-face respirator with filter(s) for dust/organic vapor or Self Contained Breathing Apparatus (SCBA) can be used depending on the size of spill and potential level of exposure. If the exposure cannot be completely characterized or an oxygen deficient atmosphere is possible or anticipated, SCBA is recommended. Work gloves that are resistant to hydrocarbons are recommended. Gloves made of polyvinyl acetate (PVA) are not water-resistant and are not suitable for emergency use. Chemical goggles are recommended if splashes or contact with eyes is possible. Small spills: normal antistatic work clothes are usually adequate. Large spills: full body suit of chemical resistant, antistatic material is recommended.

SPILL MANAGEMENT

Land Spill: Stop leak if you can do it without risk. Recover by pumping or with suitable absorbent.

Water Spill: Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7 HANDLING AND STORAGE

HANDLING

Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance. Additional references include American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or National Fire Protection Agency 77 (Recommended Practice on Static Electricity) or CENELEC CLC/TR 50404 (Electrostatics - Code of practice for the avoidance of hazards due to static electricity).

Static Accumulator: This material is a static accumulator.

STORAGE

The type of container used to store the material may affect static accumulation and dissipation. Do not store in open or unlabelled containers. Keep away from incompatible materials.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

Exposure limits/standards (Note: Exposure limits are not additive)

Substance Name	Form	Limit / Standard			NOTE	Source
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	Mist.	TWA	3 mg/m3			Japan OELs - JSOH
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM) [benzene solubles]	Total oil mist	TWA	0.1 mg/m3		Skin	ExxonMobil
CATALYTIC DEWAXED LIGHT PARAFFINIC OIL (PETROLEUM)	Inhalable fraction.	TWA	5 mg/m3			ACGIH
LUBRICATING OILS (PETROLEUM), HYDROTREATED NEUTRAL OIL-BASED	Mist.	TWA	3 mg/m3			Japan OELs - JSOH
LUBRICATING OILS (PETROLEUM), HYDROTREATED NEUTRAL OIL-BASED	Inhalable fraction.	TWA	5 mg/m3			ACGIH

Exposure limits/standards for materials that can be formed when handling this product: When

mists/aerosols can occur the following is recommended: 5 mg/m³ - ACGIH TLV (inhalable fraction).

Biological limits

No biological limits allocated.

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:
No special requirements under ordinary conditions of use and with adequate ventilation.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:
No special requirements under ordinary conditions of use and with adequate ventilation.
Particulate

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapor warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:
No protection is ordinarily required under normal conditions of use. Nitrile,Viton

Eye Protection: If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection: Any specific clothing information provided is based on published

literature or manufacturer data. The types of clothing to be considered for this material include:

No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

GENERAL INFORMATION

Physical State: Liquid
Color: Red
Odor: Characteristic
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 ° C): 0.852
Flash Point [Method]: >185° C (365° F) [ASTM D-92]
Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0
Flammability (Solid, Gas): N/A
Autoignition Temperature: N/D
Boiling Point / Range: > 316° C (600° F)
Vapor Density (Air = 1): > 2 at 101 kPa
Vapor Pressure: < 0.013 kPa (0.1 mm Hg) at 20 ° C
Evaporation Rate (n-butyl acetate = 1): N/D
pH: N/A
Log Pow (n-Octanol/Water Partition Coefficient): > 3.5
Solubility in Water: Negligible
Viscosity: 34 cSt (34 mm2/sec) at 40 ° C | 7.25 cSt (7.25 mm2/sec) at 100° C
Decomposition Temperature: N/D
Oxidizing Properties: See Hazards Identification Section.

OTHER INFORMATION

Freezing Point: N/D
Melting Point: N/A
Pour Point: -48° C (-54° F)
DMSO Extract (mineral oil only), IP-346: < 3 %wt

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat. High energy sources of ignition.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Route of Exposure	Conclusion / Remarks
Inhalation	
Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
Ingestion	
Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Skin	
Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Irritation: No end point data for material.	Negligible irritation to skin at ambient temperatures. Based on assessment of the components.
Eye	
Irritation: No end point data for material.	May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.

OTHER HEALTH EFFECTS FROM SHORT AND LONG TERM EXPOSURE

Anticipated health effects from sub-chronic, chronic, respiratory or skin sensitization, mutagenicity, reproductive toxicity, carcinogenicity, target organ toxicity (single exposure or repeated exposure),

aspiration toxicity and other effects based on human experience and/or experimental data.

Contains:
Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests. Dermal and inhalation studies showed minimal effects; lung non-specific infiltration of immune cells, oil deposition and minimal granuloma formation. Not sensitizing in test animals.

See Section 16 for a description of sources for reference data.

IARC Classification:
The following ingredients are cited on the lists below: None.

--REGULATORY LISTS SEARCHED--
1 = IARC 1 2 = IARC 2A 3 = IARC 2B

SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data for the material, components of the material, or for similar materials, through the application of bridging principals.

ECOTOXICITY
Material -- Not expected to be harmful to aquatic organisms.

MOBILITY
Base oil component -- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY
Biodegradation:
Base oil component -- Expected to be inherently biodegradable

BIOACCUMULATION POTENTIAL
Base oil component -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

See Section 16 for a description of sources for reference data.

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Protect the environment. Dispose of used oil at designated sites. Minimize skin contact. Do not mix used oils with solvents, brake fluids or coolants.

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14 TRANSPORT INFORMATION

LAND - Precautionary Transportation Measures & Conditions:

Do not co-load together with dangerous substances categorized in Fire Cat. 1 and/or 6, and/or High Pressure Gases.

NOTE: Comply with applicable laws and regulations.

SEA (IMDG): Not Regulated for Sea Transport according to IMDG-Code

Marine Pollutant: No

AIR (IATA): Not Regulated for Air Transport

SECTION 15 REGULATORY INFORMATION

This material is not considered hazardous according to the Classification of Chemicals based on Globally Harmonized System of Classification and Labelling of Chemicals (GHS) (JIS Z 7252-2014).

REGULATORY STATUS AND APPLICABLE LAWS AND REGULATIONS

Listed or exempt from listing/notification on the following chemical inventories (May contain substance(s) subject to notification to the EPA Active TSCA inventory prior to import to USA):
AICS, DSL, ENCS, IECSC, KECI, PICCS, TCSI, TSCA

National Laws and Regulations:

Chemical Substances Control Law: Existing Chemicals

Chemical Substances Control Law substances:

Chemical Name	Referenced List	ENCS Number
ETHYL BENZENE	Priority Assessment	3-28,3-60
XYLENES	Priority Assessment	3-3,3-60

Fire Service Law: Category 4, Flammable Liquids, Class III (#3 Petroleum), Water immiscible
ISHL: Notified Substances
ISHL: Labeling Substances
Maritime Pollution Prevention Law: Regulated
Mariners Labour Safety and Health Regulation: Regulated
Poisonous and Deleterious Substances Control Law (PDSCL): Not Regulated
Pollutant Release and Transfer Register (PRTR): Not Regulated
Sewage Water Law: Mineral oil (5mg/l max.)
Waste Treatment Law : Controlled Industrial Waste
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SECTION 16 OTHER INFORMATION

SOURCE OF REFERENCE MATERIAL: Sources of information used in preparing this SDS included one or more of the following: results from in house or supplier toxicology studies, CONCAWE Product Dossiers, publications from other trade associations, such as the EU Hydrocarbon Solvents REACH Consortium, U.S. HPV Program Robust Summaries, the EU IUCLID Data Base, U.S. NTP publications, and other sources, as appropriate.

N/D = Not determined, N/A = Not applicable
KEY TO THE H-CODES CONTAINED IN SECTION 3 OF THIS DOCUMENT (for information only):

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H410: Very toxic to aquatic life with long lasting effects; Chronic Env Tox, Cat 1
H413: May cause long lasting harmful effects to aquatic life; Chronic Env Tox, Cat 4

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:
Section 08: Exposure Limits Table information was modified.

Internal Use Only
MHC: 0B, 0B, 0, 0, 0, 0 PPEC: A
DGN: 7081441XJP (1013141)