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

### 1.1. Product identifier

Product form : Mixture  
Trade name : TGMO 5W30 PFE  
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 : Engine 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  
B 1140 Brussel  
Belgium  
T +32 (0)2 745 20 11  
[hazmat@toyota-europe.com](mailto: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/Area	Organisation/Company	Address	Emergency number	Comment
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)	

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Not classified


Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

Extra phrases : EUH208 - Contains C14-16-18 Alkyl phenol. May produce an allergic reaction.  
EUH210 - Safety data sheet available on request.

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### 2.3. Other hazards

Other hazards : Results of PBT and vPvB assessment : Not applicable.

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 substance(s) are 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 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients


### 3.1. Substances

Not applicable

### 3.2. Mixtures

Comments : Base oil, DMSO < 3%  
Mineral oil  
Information given is based on tests on the mixture itself.

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil—unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.]	CAS-No.: 72623-87-1 EC-No.: 276-738-4 EC Index: 649-483-00-5 REACH-no: 01-2119474889-13-xxxx	10 - 15	Asp. Tox. 1, H304
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil—unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil and heavy vacuum gas oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil having a viscosity of approximately 15cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.]	CAS-No.: 72623-86-0 EC-No.: 276-737-9 EC Index: 649-482-00-X REACH-no: 01-2119474878-16-xxxx	1 - 5	Asp. Tox. 1, H304
C14-16-18 Alkyl phenol	CAS-No.: 1190625-94-5 EC-No.: 931-468-2	1 - 5	Skin Irrit. 2, H315 Skin Sens. 1B, H317

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**Specific concentration limits:**

Substance name	Product identifier	Specific concentration limits (%)
C14-16-18 Alkyl phenol	CAS-No.: 1190625-94-5 EC-No.: 931-468-2	(10,01 ≤ C < 100) Skin Sens. 1B, H317

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. Give oxygen or artificial respiration if necessary. In case of doubt or persistent symptoms, consult always a physician.
Skin contact	: Wash skin with plenty of water and soap. Remove contaminated clothing. If irritation develops, get medical attention. Wash contaminated clothing before reuse. In the event of a high pressure injection injury, worker should obtain immediate medical assistance.
Eyes contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. 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 immediately and drink plenty of water. Do NOT induce vomiting. In case of doubt or persistent symptoms, consult always a physician.

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

Inhalation	: Repeated or prolonged exposure: Inhalation of mist causes irritation of respiratory system. Effects of breathing high concentrations of vapour may include: Cough. Difficulty in breathing.
Skin contact	: May produce an allergic reaction.
Eyes contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
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	: 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	: Not flammable. Heating will cause a rise in pressure with a risk of bursting. The product is not easily ignited.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO2). Organic compounds. Nitrogen oxides.

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### **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	: Keep upwind. Evacuate personnel to a safe area. Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Avoid contact with skin, eyes and clothing. Do not breathe vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Reference to other sections 5. Eliminate all ignition sources if safe to do so.
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#### **6.1.2. For emergency responders**

For emergency responders	: Ensure procedures and training for emergency decontamination and disposal are in place.
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### **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. 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	: 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. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. 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.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Use only in well ventilated areas. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Avoid contact with skin, eyes and clothing. Do not breathe vapour/aerosol. Do not taste or swallow. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vapours are heavier than air and may spread along floors. Take precautionary measures against static discharges. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Take any precaution to avoid mixing with combustibles... See also section 10 . After use replace the closing cap immediately. Do not allow to enter into surface water or drains.
- 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 : Proper grounding procedures to avoid static electricity should be followed.
- 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.
- Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- 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

#### 8.1.1 National occupational exposure and biological limit values

<b>TGMO 5W30 PFE</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Mineral oil OEL's	
oil (mist) TLV-TWA (mg/m <sup>3</sup> )	1 (se, no); 5 (be, nl, gb, fr, de, fi, dk) oil (mist) TLV-STEL (mg/m <sup>3</sup> ) : 3 (se); 10 (be, gb):

#### 8.1.2. Recommended monitoring procedures

<b>Monitoring methods</b>	
Monitoring methods	Concentration measurement in air. Personal air monitoring.

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### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

Additional information : Concentration measurement in air. Personal air monitoring

### 8.1.5. Control banding

No additional information available


## 8.2. Exposure controls

Engineering measure(s)	: Provide adequate ventilation. Organisational measures to prevent/limit releases, dispersion and exposure : See also section 7 . Emergency safety showers should be available in the immediate vicinity of any potential exposure. Eye wash bottle with pure water . Take precautionary measures against static discharge.
Personal protective equipment	: Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hand protection	: If there is a risk of liquid being splashed : Wear chemically resistant gloves (tested to EN374) . Suitable material: NBR (Nitrile rubber) - . Silver shield ® / 4H® (PE/EVAL/PE). VITON gloves. Thickness : > 0,3 mm. Breakthrough time : > 480'. The exact break through time can be obtained from the protective glove producer and this has to be observed. The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Eye protection	: Not required for normal conditions of use. During splash contact: Safety glasses with side shields (EN 166)
Body protection	: If there is a risk of liquid being splashed : Overalls, apron and boots recommended.
Respiratory protection	: Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment. Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: A/P (EN 14387). The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. (EN 137)
Thermal hazard protection	: Heat resistant gloves .
Environmental exposure controls	: Do not allow to enter into surface water or drains. Comply with applicable Community environmental protection legislation.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless. Yellow.
Appearance	: Liquid.
Odour	: petroleum-like odour.
Odour threshold	: Not determined
Melting / freezing point	: Not determined
Freezing point	: Not applicable
Initial boiling point and boiling range	: Not available
Flammability	: Not applicable,Liquid

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Explosive properties	: Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidising properties	: Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 200 °C (Open cup)
Auto-ignition temperature	: Not determined
Decomposition temperature	: Not determined
pH	: Not applicable
Kinematic viscosity	: 60 mm <sup>2</sup> /s (40°C)
Dynamic viscosity	: Not determined
Solubility	: Soluble in hydrocarbons. Water: Insoluble
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water	: Not determined
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 0,852 kg/l (15°C)
Relative density	: Not determined
Vapour density	: Not available
Particle characteristics	: 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**

Relative evaporation rate (butylacetate=1)	: Not determined
Additional information	: Base oil, DMSO < 3% (IP346)

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

None under normal conditions. Reference to other sections 10.4 & 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 oxidizing agents . (Chlorates. Nitrates. Peroxides). See Section 7 for information on safe handling.

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#### 10.6. Hazardous decomposition products

Product does not decompose at ambient temperature. 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 (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)


**Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.] (72623-87-1)**

LD50/oral/rat	> 5000 mg/kg (Source: JAPAN_GHS)
LD50 oral	> 5000 mg/kg
LD50/dermal/rabbit	> 2000 mg/kg (Source: NLM_CIP)
LD50 dermal	> 2000 mg/kg

**Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil and heavy vacuum gas oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil having a viscosity of approximately 15cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.] (72623-86-0)**

LD50/oral/rat	> 5000 mg/kg (Source: JAPAN_GHS)
LD50 oral	> 5000 mg/kg
LD50/dermal/rabbit	> 2000 mg/kg (Source: IUCLID)
LD50 dermal	> 2000 mg/kg

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
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)

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**Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.] (72623-87-1)**

NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 980 mg/m <sup>3</sup> exposure time: 4 Weeks
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Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

<b>TGMO 5W30 PFE</b>	
Kinematic viscosity	60 mm <sup>2</sup> /s (40°C)

**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 substance(s) are 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 at a concentration equal to or greater than 0,1 %

**11.2.2. Other information**

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

**SECTION 12: Ecological information**

**12.1. Toxicity**


Environmental properties : Ecological injuries are not known or expected under normal use. The product has not been tested. Information given is based on data on the components and the ecotoxicology of similar products.

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

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

**Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.] (72623-87-1)**

LC50 - Fish [1]	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: IUCLID)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	100 mg/l Pseudokirchneriella subcapitata (green algae) - exposure time: 72h
NOEC chronic crustacea	10 mg/l daphnia magna (water flea) - exposure time: 21d
NOEC chronic algae	> 1,93 mg/l Photobacterium phosphoreum - exposure time: 4d

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**Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil and heavy vacuum gas oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil having a viscosity of approximately 15cSt at 40 °C. It contains a relatively large proportion of saturated hydrocabons.] (72623-86-0)**

LC50 - Fish [1]	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: IUCLID)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### **12.2. Persistence and degradability**

<b>TGMO 5W30 PFE</b>	
Persistence and degradability	This product is expected to be resistant to biodegradation and to persist in the environment. The product itself has not been tested. Information given is based on data on the components and the ecotoxicology of similar products.

**Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.] (72623-87-1)**

Persistence and degradability	Not rapidly degradable.
Biodegradation	4 % exposure time: 28d


**Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil and heavy vacuum gas oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil having a viscosity of approximately 15cSt at 40 °C. It contains a relatively large proportion of saturated hydrocabons.] (72623-86-0)**

Persistence and degradability	Rapidly degradable
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<b>C14-16-18 Alkyl phenol (1190625-94-5)</b>	
Persistence and degradability	Rapidly degradable

### **12.3. Bioaccumulative potential**

<b>TGMO 5W30 PFE</b>	
Partition coefficient n-octanol/water	Not determined
Bioaccumulative potential	No additional information available.

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**Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.] (72623-87-1)**

Partition coefficient n-octanol/water (Log Kow)	> 6
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#### **12.4. Mobility in soil**

<b>TGMO 5W30 PFE</b>	
Mobility in soil	No information available
Ecology - soil	The product is insoluble and floats on water. Mobility in soil : No data available .

#### **12.5. Results of PBT and vPvB assessment**

<b>TGMO 5W30 PFE</b>	
Results of PBT assessment	Not applicable

#### **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 substance(s) are 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 at a concentration equal to or greater than 0,1 %.


#### **12.7. Other adverse effects**

Other adverse effects : According to experience not 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. Beware of residues or vapours which remain in the drums.
Additional information	: Delivery to an approved waste disposal company. Never use pressure to empty container. Do not pierce or burn, even after use.
European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC)	: Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities The following Waste Codes are only suggestions: mineral-based non-chlorinated engine, gear and lubricating oils (13 02 05)

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**SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

**14.6. Special precautions for user**

Special precautions for user : No data available

**- Overland transport**

Not applicable

**- Transport by sea**

Not applicable

**- Air transport**

Not applicable

**- Inland waterway transport**

Not applicable

**- Rail transport**

Not applicable

**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**

This safety datasheet has been prepared according to Polish legislation. :Not applicable.

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**REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description

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**EU restriction list (REACH Annex XVII)**

Reference code	Applicable on	Entry title or description
3(b)	<p>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil—unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.] ;</p> <p>Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil—unspecified; [A complex combination of hydrocarbons obtained by treating light vacuum gas oil and heavy vacuum gas oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil having a viscosity of approximately 15cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.]</p>	<p>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</p>

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**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (1005/2009)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

**Dual-Use Regulation (428/2009)**

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

**Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

**15.1.2. National regulations**

**France**

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

No ICPE

**Germany**

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

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

**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

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

**15.2. Chemical safety assessment**

Not applicable

<b>For the following substances of this mixture a chemical safety assessment has been carried out</b>
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil— unspecified; [A complex combination of

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hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.]

## SECTION 16: Other information

Indication of changes:


1	SDS EU format according to COMMISSION REGULATION (EU) 2020/878	Modified	
2.3	ED text	Added	
8.2	Exposure controls/personal protection	Modified	
9.1	Physical and chemical properties	Modified	
11.2	Adverse health effects caused by endocrine disrupting properties	Added	
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	
13.1	European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC)	Modified	
15	Regulatory information	Modified	

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 : Supplier sds (Toyota Genuine Motor Oil 5W-30 Premium Fuel Economy, supplier: Chevron Belgium BV, revision: 15.06.2021). ECHA (European Chemicals Agency). LOLI.

Training advice : Training staff on good practice.

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Other information : Classification - Assessment method: CLP Calculation method (Article 9).  
 Physicochemical hazard assessment: Information given is based on tests on the mixture itself.

National representative

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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:

Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains C14-16-18 Alkyl phenol. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B

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]

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