



SAFETY DATA SHEET

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Revision nr : 8
Issue date : 31/05/2015
Supersedes : 16/01/2013

CLP082

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

1.1. Product identifier

Trade name/designation : Toyota ATF DIII

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

Specific use(s) : Transmission fluid

1.3. Details of the supplier of the safety data sheet

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

National representative : Reference to other sections: 16

1.4. Emergency telephone number

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

IRELAND (REPUBLIC OF)

National Poisons Information Centre

Beaumont Hospital

+353 18 37 99 64/+353 1 809 21 66

UNITED KINGDOM

National Poisons Information Service

(Newcastle Centre)

0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours, healthcare professionals only)

Regional Drugs and Therapeutics Centre,

Wolfson Unit

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

CLP-Classification : Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Not classified

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

Classification : This mixture is classified as not hazardous according to 1999/45/EC.

Not classified


2.2. Label elements

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

Extra phrases : EUH210 - Safety data sheet available on request.
EUH208 - Contains Alkoxyated long-chain alkyl amine. May produce an allergic reaction.

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

Not relevant

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2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Substance name	Product identifier	%	Classification according to Directive 67/548/EEC
highly refined mineral oil (C15-C50)	(CAS No.) - (EC No) - (EC Index) -	70 - 99	Not classified
Methacrylate copolymers	(CAS No.) - (EC No) - (EC Index) -	1 - 5	Xi; R36
Alkoxylated long-chain alkyl amine	(CAS No.) - (EC No) - (EC Index) -	< 1	R43

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
highly refined mineral oil (C15-C50)	(CAS No.) - (EC No) - (EC Index) -	70 - 99	Not classified
Methacrylate copolymers	(CAS No.) - (EC No) - (EC Index) -	1 - 5	Eye Irrit. 2, H319
Alkoxylated long-chain alkyl amine	(CAS No.) - (EC No) - (EC Index) -	< 1	Skin Sens. 1, H317

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

Identification of the substance or mixture : Base oil - unspecified (DMSO < 3%) contains one or more of the following EINECS numbers: 265-090-8, 265-091-3, 265-096-0, 265-097-6, 265-098-1, 265-101-6, 265-155-0, 265-156-6, 265-157-1, 265-158-7, 265-159-2, 265-160-8, 265-161-3, 265-166-0, 265-169-7, 265-176-5, 276-735-8, 276-736-3, 276-737-9, 276-738-4, 278-012-2.


SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation : Keep at rest
 Provide fresh air.
 When in doubt or if symptoms are observed, get medical advice.

Skin contact : Remove contaminated clothing and shoes.
 After contact with skin, wash immediately with plenty of water and soap.
 When in doubt or if symptoms are observed, get medical advice.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
 Remove contact lenses.
 Get medical advice/attention.

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In case of ingestion : Rinse mouth thoroughly with water.
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
When in doubt or if symptoms are observed, get medical advice.

Additional advice : First aider: Pay attention to self-protection!
See also section 8 .
Show this safety data sheet to the doctor in attendance.
Never give anything by mouth to an unconscious person or a person with cramps.
Treat symptomatically
When in doubt or if symptoms are observed, get medical advice.

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

Inhalation : Health injuries are not known or expected under normal use. Repeated or prolonged exposure: : Inhalation of mist causes irritation of respiratory system. Breathing difficulties, The following symptoms may occur: Cough

Skin contact : Causes mild skin irritation.

Eye contact : Slight irritation.

Ingestion : Health injuries are not known or expected under normal use. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Other adverse effects : In the event of a high pressure injection injury, worker should obtain immediate medical assistance.

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

Not applicable.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, Alcohol resistant foam, Carbon dioxide, Dry extinguishing powder

Extinguishing media which must not be used for safety reasons : Strong water jet .

5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustible

Specific hazards : As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10).
Do not allow run-off from fire-fighting to enter drains or water courses.
Dispose of waste in accordance with environmental legislation

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Evacuate personnel to a safe area
Use personal protective equipment as required.
Concerning personal protective equipment to use, see section 8

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For emergency responders

- Avoid contact with skin and eyes
- Do not breathe vapour/aerosol
- Remove all sources of ignition
- : 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

Environmental precautions

- : Do not allow to enter into surface water or drains
- Site should have a spill plan to ensure that adequate safeguards are in place to minimize the impact of episodic releases.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

- : Stop leak if safe to do so
- Dam up.
- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Collect in closed and suitable containers for disposal.
- Dispose of contaminated materials in accordance with current regulations

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8 .
Disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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 and eyes
- Do not breathe vapour/aerosol
- Avoid repeated exposure.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- Do not burn, or use a cutting torch on, the empty drum.
- Accumulator !
- Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.
- Take precautionary measures against static discharge.
- Never use pressure to empty container.
- After use replace the closing cap immediately
- Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time).
- Do not allow to enter into surface water or drains
- Take any precaution to avoid mixing with incompatible materials.
- : Keep good industrial hygiene
- Wash hands and face before breaks and immediately after handling of the product.
- Keep away from food, drink and animal feedingstuffs.
- Take off contaminated clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage

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



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7.3 Specific end use(s)

Reference to other sections: 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

- Exposure limit values : Mineral oil
 oil (mist) TLV-TWA (mg/m³) : 1 (se, no); 5 (be, nl, gb, fr, de, fi, dk)
 oil (mist) TLV-STEL (mg/m³) : 3 (se); 10 (be, gb)
- Recommended monitoring procedures : Concentration measurement in air
 Personal air monitoring

8.2. Exposure controls

- Personal protection equipment : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : Not required for normal conditions of use
 In case of insufficient ventilation, wear suitable respiratory equipment
 Half-face mask (DIN EN 140)
 Full face mask (EN 136)
 Filter type: type A.(EN141)
- Hand protection : Not required for normal conditions of use, During splash contact, Protective gloves complying with EN 374, NBR (Nitrile rubber), Silver shield ® / 4H® (PE/EVAL/PE), Viton ® ., 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 Use splash goggles when eye contact due to splashing is possible (EN166).
- Body protection : Not required for normal conditions of use
 Wear suitable protective clothing
- Engineering control measures : Provide adequate ventilation
 Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure
 Organisational measures to prevent /limit releases, dispersion and exposure
 See also section 7 .
- Environmental exposure controls : Do not allow to enter into surface water or drains
 Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Appearance : liquid
- Colour : red
- Odour : Petroleum
- Odour threshold: : No data available
- pH : Not applicable
- Melting point/freezing point : No data available

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Freezing point	: Not applicable
Initial boiling point and boiling range	: > 315 °C (typical)
Flash point	: COC 200 °C (typical)
Evaporation rate	: No data available
Upper/lower flammability or explosive limits	: Not applicable
Vapour pressure	: < 0,01 mmHg (@ 37,8°C)
Vapour density	: > 1
Density	: (@ 20°C) 0,86 kg/l (typical)
Water solubility	: insoluble
Solubility in different media	: Soluble in hydrocarbons
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: (@ 40°C) 33,8 mm ² /s (typical)
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Reference to other sections: 10.5

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

Conditions to avoid : Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
See also section 7 :
Handling and storage .

10.5. Incompatible materials

Incompatible materials : Strong acids ., Strong oxidizing agents ., Nitrates., Peroxide., Chlorates,
..., See also section 7 .; Handling and storage .


10.6. Hazardous decomposition products

Hazardous decomposition products : None under normal conditions . Burning produces noxious and toxic fumes. Hazardous decomposition products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

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highly refined mineral oil (C15-C50) (-)	
LD50/dermal/rat	> 5000 mg/kg

- Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met.)
pH: Not applicable
- Serious eye damage/eye 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.)
- Aspiration hazard : Not classified (Based on available data, the classification criteria are not met.)
- Other information : Symptoms related to the physical, chemical and toxicological characteristics.
Reference to other sections: 4.2.

Other information

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

SECTION 12: Ecological information

- 12.1. Toxicity**
- Toxicity : 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.


highly refined mineral oil (C15-C50) (-)	
LC50 fish 1	> 5000 mg/l (Oncorhynchus mykiss)

- 12.2. Persistence and degradability**
- Persistence and degradability : Not readily biodegradable (according to OECD criteria)

- 12.3. Bioaccumulative potential**
- Bioaccumulation : No data available
 - Partition coefficient n-octanol/water : No data available

- 12.4. Mobility in soil**
- Mobility : No data available

- 12.5. Results of PBT and vPvB assessment**
- PBT/vPvB data : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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12.6. Other adverse effects

Other information : No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Contaminated packaging : Delivery to an approved waste disposal company.

List of proposed waste codes/waste designations in accordance with EWC : 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

14.1. UN number

UN number : NA

14.2. UN proper shipping name

Proper Shipping Name : NA
 Proper shipping name IATA/IMDG : NA

14.3. Transport hazard class(es)

14.3.1. Overland transport

ADR/RID : Not classified as dangerous for conveyance in the meaning of the Carriage of Dangerous Goods by Road and Rail.

14.3.2. Inland waterway transport (ADN)

ADN : Not classified for this transport way.

14.3.3. Transport by sea

IMDG : Not classified for this transport way.
 Class or Division : Not applicable

14.3.4. Air transport


ICAO/IATA : Not classified for this transport way.
 Class or Division : Not applicable

14.4. Packing group

Packing group : NA

14.5. Environmental hazards

Other information : Not applicable .

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14.6 Special precautions for user

Special precautions for user : Not applicable.

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

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. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 : Methacrylate copolymers - Alkoxylated long-chain alkyl amine

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 : Methacrylate copolymers - Alkoxylated long-chain alkyl amine

This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC. : none

Authorisations : Not applicable

15.1.2. National regulations

DE : WGK : -
 CH: WGK CH : 4
 CH: This safety datasheet has been prepared according to Swiss legislation. : Annex 2, OChim


15.2. Chemical safety assessment

Chemical Safety Assessment : No chemical safety assessment has been carried out

SECTION 16: Other information

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

- Eye Irrit. 2 : Serious eye damage/eye irritation Category 2
- Skin Sens. 1 : Skin sensitisation, hazard category 1
- H317 : May cause an allergic skin reaction.
- H319 : Causes serious eye irritation.
- EUH208 : Contains . May produce an allergic reaction.
- EUH210 : Safety data sheet available on request.
- R36 : Irritating to eyes.
- R43 : May cause sensitisation by skin contact.
- Xi : Irritant

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Key literature references and sources for data : European Chemicals Bureau
SDS 'TOYOTA ATF' from Chevron Belgium NV
ref n° 26071, revision date MARCH 05, 2015

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

Safety datasheet sections which have been updated : 1,2,3,7,8,9,10,11,12,15,16

Abbreviations and acronyms :
 ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin
 ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC
 IATA = International Air Transport Association
 IMDG = International Maritime Dangerous Goods Code
 LEL = Lower Explosive Limit/Lower Explosion Limit
 UEL = Upper Explosion Limit/Upper Explosive Limit
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 NA = Not applicable
 TLV = Threshold limits
 TWA = time weighted average
 STEL = Short term exposure limit
 EC50 = Median Effective Concentration
 LC50 = Median lethal concentration
 LD50 = Median lethal dose
 persistent, bioaccumulating and toxic (PBT).
 vPvB = very persistent and very bioaccumulating
 WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

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 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

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

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way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.