

# SAFETY DATA SHEET



Castrol Transmax ATF DX III Multivehicle

## Section 1. Chemical product and company identification

**GHS product identifier** Castrol Transmax ATF DX III Multivehicle  
**Product code** 469689-TR01  
**SDS #** 469689

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

**Product use** Automatic transmission fluid For specific application advice see appropriate Technical Data Sheet or consult our company representative.

**Supplier** Castrol Madeni Yağlar Ticaret A.Ş  
İçerenköy Mah. Değirmen Yolu Cad. Mengerler Blok No: 28/1 İç Kapı No: 12  
Ataşehir/İstanbul

**EMERGENCY TELEPHONE NUMBER** CASTROL DIRECT 0212 473 77 37  
Carechem: +44 (0) 1235 239 670 (24/7)  
Ministry of Health National Poison Information Centre: 114 (24 hours)

## Section 2. Hazards identification

**Classification of the substance or mixture** Not classified.

### GHS label elements

**Signal word** No signal word.  
**Hazard statements** No known significant effects or critical hazards.  
**Precautionary statements**  
**Prevention** Not applicable.  
**Response** Not applicable.  
**Storage** Not applicable.  
**Disposal** Not applicable.

**Other hazards which do not result in classification** Defatting to the skin.

## Section 3. Composition/information on ingredients

**Substance/mixture** Mixture

Highly refined base oil (IP 346 DMSO extract < 3%). Proprietary performance additives.

Ingredient name	%	Identifiers	Classification	Type
Distillates (petroleum), hydrotreated heavy paraffinic	≥50 - ≤75	CAS: 64742-54-7 EC: 265-157-1	Not classified.	[2]
Distillates (petroleum), hydrotreated heavy paraffinic	≥25 - ≤50	CAS: 64742-54-7 EC: 265-157-1	ASPIRATION HAZARD - Category 1	[1]
2-Propenoic acid, 2-methyl-, butyl ester,	≤3	CAS: 176487-46-0	ACUTE TOXICITY (oral) - Category 5	[1]

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## Section 3. Composition/information on ingredients

polymer with N-[3-(dimethylamino)propyl]-2-methyl-2-propenamide, dodecyl 2-methyl-2-propenoate, eicosyl 2-methyl-2-propenoate, hexadecyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	≤3	CAS: 64742-55-8 EC: 265-158-7	ASPIRATION HAZARD - Category 1	[1]
Distillates (petroleum), hydrotreated light paraffinic	≤3	CAS: 64742-65-0 EC: 265-169-7	ASPIRATION HAZARD - Category 1	[1]
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<0.25	CAS: 61791-44-4 EC: 620-540-6	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1C SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1	[1]
Bis (2-hydroxyethyl) tallow alkylamine	<0.1	CAS: 30113-45-2 EC: 939-485-7	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1B SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1	[1]
3-(isodecyloxy) propylamine	<0.1	CAS: 30113-45-2 EC: 939-485-7	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1B SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Type

[1] Substance classified with a health or environmental hazard

[2] Component in composition greater than or equal to 10%

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

#### Inhalation

In case of inhalation of decomposition products in a fire, symptoms may be delayed. If inhaled, remove to fresh air. The exposed person may need to be kept under medical surveillance for 48 hours. Get medical attention if symptoms occur.

#### Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Skin contact

Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

#### Eye contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.

### Most important symptoms/effects, acute and delayed

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## Section 4. First aid measures

See Section 11 for more detailed information on health effects and symptoms.

### Indication of immediate medical attention and special treatment needed, if necessary

<b>Specific treatments</b>	No specific treatment.
<b>Notes to physician</b>	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treatment should in general be symptomatic and directed to relieving any effects.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training.

## Section 5. Firefighting measures

### Extinguishing media

<b>Suitable extinguishing media</b>	In case of fire, use foam, dry chemical or carbon dioxide extinguisher or spray.
<b>Unsuitable extinguishing media</b>	Do not use water jet.

### Specific hazards arising from the chemical

<b>Hazardous thermal decomposition products</b>	In a fire or if heated, a pressure increase will occur and the container may burst.  Combustion products may include the following: carbon oxides (CO, CO <sub>2</sub> ) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO <sub>2</sub> etc.)
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### Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

### Special protective equipment for fire-fighters

Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling.
<b>For emergency responders</b>	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and material for containment and cleaning up

<b>Small spill</b>	Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
<b>Large spill</b>	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### Precautions for safe handling

#### **Protective measures**

Put on appropriate personal protective equipment (see Section 8).

#### **Advice on general occupational hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. Contaminated work clothing should not be allowed out of the workplace. See also Section 8 for additional information on hygiene measures.

#### **Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

#### **Not suitable**

Prolonged exposure to elevated temperature

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

#### Biological exposure indices

No exposure indices known.

#### **Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits. All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

Your supplier of personal protective equipment should be consulted for advice on selection and appropriate standards. For further information contact your national organisation for standards.

The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal protective equipment are compatible.

#### **Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

Safety glasses with side shields.

#### Skin protection

## Section 8. Exposure controls/personal protection

### Hand protection

Wear protective gloves if prolonged or repeated contact is likely. Wear chemical resistant gloves. Recommended: Nitrile gloves. The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

### Body protection

Use of protective clothing is good industrial practice. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.

### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should be developed for each intended application. Respiratory protection equipment should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

Physical state	Liquid.
Colour	Red. [Light]
Odour	Not available.
Odour threshold	Not available.
pH	Not applicable.
Melting point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flash point	Open cup: >170°C (>338°F) [Cleveland ASTM D 92]
Evaporation rate	Not available.
Flammability	Not available.
Lower and upper explosion limit/flammability limit	Not available.
Vapour pressure	

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
Distillates (petroleum), hydrotreated heavy paraffinic	<0.07501	<0.01	ASTM D 5191			
Distillates (petroleum), hydrotreated heavy paraffinic	<0.07501	<0.01	ASTM D 5191			
Distillates (petroleum), hydrotreated light	<0.07501	<0.01	ASTM D 5191			

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## Section 9. Physical and chemical properties

paraffinic						
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<0.07501	<0.01	ASTM D 5191			

<b>Relative vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Density</b>	<1000 kg/m <sup>3</sup> (<1 g/cm <sup>3</sup> ) at 15°C
<b>Solubility(ies)</b>	

Media	Result
water	Not soluble

<b>Partition coefficient: n-octanol/water</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Kinematic: 35 mm <sup>2</sup> /s (35 cSt) at 40°C Kinematic: 6.8 to 8 mm <sup>2</sup> /s (6.8 to 8 cSt) at 100°C
<b>Particle characteristics</b>	
<b>Median particle size</b>	Not applicable.

## Section 10. Stability and reactivity

<b>Reactivity</b>	No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.
<b>Chemical stability</b>	The product is stable.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur.
<b>Conditions to avoid</b>	Avoid all possible sources of ignition (spark or flame).
<b>Incompatible materials</b>	Reactive or incompatible with the following materials: oxidising materials.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

##### Result

###### **Rat - Oral - LD50**

>5000 mg/kg  
OECD 401

###### **Rabbit - Dermal - LD50**

>5000 mg/kg  
OECD 402

###### **Rat - Inhalation - LC50 Dusts and mists**

>5 mg/l [4 hours]  
OECD 403

Distillates (petroleum), hydrotreated heavy paraffinic

###### **Rat - Oral - LD50**

>5000 mg/kg  
OECD 401

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## Section 11. Toxicological information

Distillates (petroleum), hydrotreated light paraffinic	<b>Rabbit - Dermal - LD50</b> >5000 mg/kg OECD 402 <b>Rat - Inhalation - LC50 Dusts and mists</b> >5 mg/l [4 hours] OECD 403 <b>Rat - Oral - LD50</b> >5000 mg/kg OECD 401 <b>Rabbit - Dermal - LD50</b> >5000 mg/kg OECD 402 <b>Rat - Inhalation - LC50 Dusts and mists</b> >5.53 mg/l [4 hours] OECD 403 <b>Rat - Oral - LD50</b> >5000 mg/kg OECD 401 <b>Rat - Dermal - LD50</b> >2000 mg/kg OECD 402 <b>Rat - Inhalation - LC50 Dusts and mists</b> >5.53 mg/l [4 hours] OECD 403
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>Rat - Oral - LD50</b> >5000 mg/kg OECD 401 <b>Rat - Dermal - LD50</b> >2000 mg/kg OECD 402 <b>Rat - Inhalation - LC50 Dusts and mists</b> >5.53 mg/l [4 hours] OECD 403
Bis (2-hydroxyethyl) tallow alkylamine	<b>Rat - Oral - LD50</b> 1350 mg/kg OECD 401
3-(isodecyloxy)propylamine	<b>Rat - Oral - LC50</b> 500 to 2000 mg/kg OECD 401 <b>Rabbit - Dermal - LC50</b> >2000 mg/kg OECD 402

### Skin corrosion/irritation

#### **Product/ingredient name**

Distillates (petroleum), hydrotreated heavy paraffinic  
Distillates (petroleum), hydrotreated heavy paraffinic  
Distillates (petroleum), hydrotreated light paraffinic  
Distillates (petroleum), solvent-dewaxed heavy paraffinic  
Bis (2-hydroxyethyl) tallow alkylamine  
  
3-(isodecyloxy)propylamine

#### **Result**

**Rabbit - Skin - Mild irritant**  
OECD 404  
**Rabbit - Skin - Mild irritant**  
OECD 404  
**Rabbit - Skin - Non-irritant to skin.**  
  
**Rabbit - Skin - Non-irritant to skin.**  
  
**Rabbit - Skin - Corrosive**  
OECD 404  
**Rabbit - Skin - Corrosive**  
OECD 404

### Serious eye damage/eye irritation

#### **Product/ingredient name**

#### **Result**

## Section 11. Toxicological information

Distillates (petroleum), hydrotreated heavy paraffinic  
Distillates (petroleum), hydrotreated heavy paraffinic  
Distillates (petroleum), hydrotreated light paraffinic  
Distillates (petroleum), solvent-dewaxed heavy paraffinic  
3-(isodecyloxy)propylamine

**Rabbit - Eyes - Non-irritating to the eyes.**  
OECD 405  
**Rabbit - Eyes - Non-irritating to the eyes.**  
OECD 405  
**Rabbit - Eyes - Non-irritating to the eyes.**  
OECD 405  
**Rabbit - Eyes - Non-irritating to the eyes.**  
OECD 405  
**BCOP - Eyes - Severe irritant**  
OECD 437

### Respiratory corrosion/irritation

Not available.

### Respiratory or skin sensitization

#### **Product/ingredient name**

Distillates (petroleum), hydrotreated heavy paraffinic

#### **Result**

**Guinea pig - skin**

OECD 406

Result: Not sensitising

Distillates (petroleum), hydrotreated heavy paraffinic

**Guinea pig - skin**

OECD 406

Result: Not sensitising

Distillates (petroleum), hydrotreated light paraffinic

**Guinea pig - skin**

OECD 406

Result: Not sensitising

Distillates (petroleum), solvent-dewaxed heavy paraffinic

**Guinea pig - skin**

OECD 406

Result: Not sensitising

Bis (2-hydroxyethyl) tallow alkylamine

**Guinea pig - skin**

OECD 406

Result: Not sensitising

### Germ cell mutagenicity

#### **Product/ingredient name**

Distillates (petroleum), hydrotreated heavy paraffinic

#### **Result**

**In vitro - Bacteria**

Bacterial Reverse Mutation Test

Result: Negative

**In vitro - Mammal - species unspecified**

In vitro Mammalian Chromosomal Aberration Test

Result: Negative

**In vivo - Mammal - species unspecified**

Mammalian Erythrocyte Micronucleus Test

Result: Negative

**In vitro - Mammal - species unspecified**

In vitro Mammalian Cell Gene Mutation Test

Result: Negative

Distillates (petroleum), hydrotreated heavy paraffinic

**In vitro - Bacteria**

Bacterial Reverse Mutation Test

Result: Negative

**In vitro - Mammal - species unspecified**

In vitro Mammalian Chromosomal Aberration Test

Result: Negative

## Section 11. Toxicological information

Distillates (petroleum), hydrotreated light paraffinic	<b>In vivo - Mammal - species unspecified</b> Mammalian Erythrocyte Micronucleus Test <u>Result:</u> Negative <b>In vitro - Mammal - species unspecified</b> In vitro Mammalian Cell Gene Mutation Test <u>Result:</u> Negative <b>In vitro - Bacteria</b> OECD [Bacterial Reverse Mutation Test] <u>Result:</u> Negative <b>In vitro - Mammal - species unspecified</b> OECD [In vitro Mammalian Chromosomal Aberration Test] <u>Result:</u> Negative
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>In vitro - Bacteria</b> OECD [Bacterial Reverse Mutation Test] <u>Result:</u> Negative <b>In vitro - Mammal - species unspecified</b> OECD [In vitro Mammalian Chromosomal Aberration Test] <u>Result:</u> Negative
Bis (2-hydroxyethyl) tallow alkylamine	<b>In vitro - Bacteria</b> OECD [Bacterial Reverse Mutation Test] <u>Result:</u> Negative <b>In vitro - Mammal - species unspecified</b> OECD [In vitro Mammalian Cell Gene Mutation Test] <u>Result:</u> Negative <b>In vitro - Mammalian-Human</b> OECD [In vitro Mammalian Chromosomal Aberration Test] <u>Result:</u> Negative
3-(isodecyloxy)propylamine	<b>In vitro - Bacteria</b> OECD 471 <u>Result:</u> Negative <b>In vivo - Mammal - species unspecified</b> OECD 474 <u>Result:</u> Negative

### Carcinogenicity

<b>Product/ingredient name</b>	<b>Result</b>
Distillates (petroleum), hydrotreated heavy paraffinic	<b>Mouse - Dermal - Unspecified</b> OECD 451 <u>Result:</u> Negative
Distillates (petroleum), hydrotreated heavy paraffinic	<b>Mouse - Dermal - Unspecified</b> OECD 451 <u>Result:</u> Negative
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>Mouse - Dermal - Unspecified</b> OECD 451 <u>Result:</u> Negative

### Reproductive toxicity

<b>Product/ingredient name</b>	<b>Result</b>
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## Section 11. Toxicological information

Distillates (petroleum), hydrotreated heavy paraffinic	<b>Rat - Oral</b> OECD 421 <u>Maternal toxicity</u> : Negative <u>Fertility effects</u> : Negative <u>Developmental</u> : Negative
Distillates (petroleum), hydrotreated heavy paraffinic	<b>Rat - Oral</b> OECD 421 <u>Maternal toxicity</u> : Negative <u>Fertility effects</u> : Negative <u>Developmental</u> : Negative
Distillates (petroleum), hydrotreated light paraffinic	<b>Rat - Oral</b> OECD 421 <u>Maternal toxicity</u> : Negative <u>Fertility effects</u> : Negative <u>Developmental</u> : Negative
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<b>Rat - Oral</b> OECD 421 <u>Maternal toxicity</u> : Negative <u>Fertility effects</u> : Negative <u>Developmental</u> : Negative
Bis (2-hydroxyethyl) tallow alkylamine	<b>Rat - Oral</b> OECD 422 <u>Maternal toxicity</u> : Positive <u>Fertility effects</u> : Equivocal <u>Developmental</u> : Equivocal
3-(isodecyloxy)propylamine	<b>Rat - Oral</b> OECD 422 <u>Maternal toxicity</u> : Negative <u>Fertility effects</u> : Negative <u>Developmental</u> : Negative

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Distillates (petroleum), hydrotreated heavy paraffinic	ASPIRATION HAZARD - Category 1
Distillates (petroleum), hydrotreated light paraffinic	ASPIRATION HAZARD - Category 1
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ASPIRATION HAZARD - Category 1

### Potential acute health effects

<b>Eye contact</b>	No known significant effects or critical hazards.
<b>Inhalation</b>	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Skin contact</b>	Defatting to the skin. May cause skin dryness and irritation.
<b>Ingestion</b>	No known significant effects or critical hazards.

<b>Название продукта/ингредиента</b>	<b>Результат</b>
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## Section 11. Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	No specific data.
<b>Inhalation</b>	May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.
<b>Skin contact</b>	Adverse symptoms may include the following: irritation dryness cracking
<b>Ingestion</b>	No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Eye contact</b>	Potential risk of transient stinging or redness if accidental eye contact occurs.
<b>Skin contact</b>	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
<b>Ingestion</b>	Ingestion of large quantities may cause nausea and diarrhoea.
<b><u>Potential chronic health effects</u></b>	
<b>General</b>	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	No known significant effects or critical hazards.
<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Developmental effects</b>	No known significant effects or critical hazards.
<b>Fertility effects</b>	No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE <sub>86</sub> mg/kg
Oral	8428

## Section 12. Ecological information

**Environmental effects** No known significant effects or critical hazards.

#### **Product/ingredient name**

Distillates (petroleum), hydrotreated heavy paraffinic

#### **Result**

##### **Acute - EL50**

OECD 201

Algae

>100 mg/l [72 hours]

##### **Acute - EL50**

OECD 202

Daphnia

>10000 mg/l [48 hours]

##### **Acute - LL50**

OECD 203

Fish

>100 mg/l [96 hours]

##### **Chronic - NOEL**

OECD 201

Algae

≥100 mg/l [72 hours]

##### **Chronic - NOEL**

OECD 211

Daphnia

10 mg/l [21 days]

Distillates (petroleum), hydrotreated heavy

##### **Acute - EL50**

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## Section 12. Ecological information

paraffinic

OECD 201  
Algae  
>100 mg/l [72 hours]  
**Acute - EL50**  
OECD 202  
Daphnia  
>10000 mg/l [48 hours]  
**Acute - LL50**  
OECD 203  
Fish  
>100 mg/l [96 hours]  
**Chronic - NOEL**

Distillates (petroleum), hydrotreated light paraffinic

OECD 201  
Algae  
≥100 mg/l [72 hours]  
**Chronic - NOEL**  
OECD 211  
Daphnia  
10 mg/l [21 days]  
**Acute - EL50**  
OECD 201  
Algae  
>100 mg/l [72 hours]  
**Acute - EL50**  
OECD 202  
Daphnia  
>10000 mg/l [48 hours]  
**Acute - LL50**  
OECD 203  
Fish  
>100 mg/l [96 hours]  
**Chronic - NOEL**

Distillates (petroleum), solvent-dewaxed heavy paraffinic

OECD 201  
Algae  
≥100 mg/l [72 hours]  
**Chronic - NOEL**  
OECD 211  
Daphnia  
10 mg/l [21 days]  
**Acute - EL50**  
OECD 201  
Algae  
>100 mg/l [72 hours]  
**Acute - EL50**  
OECD 202  
Daphnia  
>10000 mg/l [48 hours]  
**Acute - LL50**  
OECD 203  
Fish  
>100 mg/l [96 hours]  
**Chronic - NOEL**  
OECD 201  
Algae  
≥100 mg/l [72 hours]  
**Chronic - NOEL**  
OECD 211  
Daphnia  
10 mg/l [21 days]

## Section 12. Ecological information

Bis (2-hydroxyethyl) tallow alkylamine

### Acute - EC50

OECD 201

Algae

0.0538 mg/l [72 hours]

### Acute - EC50

OECD 202

Daphnia

0.043 mg/l [48 hours]

### Acute - LC50

OECD 203

Fish

0.1 mg/l [96 hours]

### Chronic - EC10

OECD 201

Algae

0.0156 mg/l [72 hours]

### Chronic - EC10

OECD 211

Daphnia

0.0107 mg/l [21 days]

3-(isodecyloxy)propylamine

### Acute - EC50

OECD 201

Algae

0.0544 mg/l [72 hours]

### Acute - EC50

OECD 202

Daphnia

1.05 mg/l [48 hours]

### Acute - LC50

OECD 203

Fish

2.14 mg/l [96 hours]

### Chronic - ErC10

OECD 201

Algae

0.0421 mg/l [72 hours]

### Chronic - EC10

OECD 211

Daphnia

0.738 mg/l [21 days]

### Persistence and degradability

Not expected to be rapidly degradable.

### Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), hydrotreated light paraffinic

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Bis (2-hydroxyethyl) tallow alkylamine

3-(isodecyloxy)propylamine

### Result

OECD 301F

31% [28 days] - Not readily

OECD 301F

31% [28 days] - Not readily

OECD 301F

31% [28 days] - Not readily

OECD 301F

31% [28 days] - Not readily

OECD 301D

61 to 65% [28 days] - Readily

OECD 301D

68% [28 days]

### Bioaccumulative potential

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**Format** Kazakhstan

**Language** ENGLISH

**Kazakhstan**

**(ENGLISH)**

## Section 12. Ecological information

This product is not expected to bioaccumulate through food chains in the environment.

<u>Product/ingredient name</u>	<u>LogP<sub>ow</sub></u>	<u>BCF</u>	<u>Potential</u>
Bis (2-hydroxyethyl) tallow alkylamine	3.6	-	Low

### Mobility in soil

**Soil/water partition coefficient** Not available.

**Mobility** Spillages may penetrate the soil causing ground water contamination.

**Other adverse effects** No known significant effects or critical hazards.

**Other ecological information** Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

## Section 13. Disposal considerations

**Disposal methods** The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-
<b>Transport hazard class(es)</b>	-	-
<b>Packing group</b>	-	-
<b>Environmental hazards</b>	No.	No.
<b>Additional information</b>	-	-

**Special precautions for user** Not available.

## Section 15. Regulatory information

### Regulation according to other foreign laws

<b>REACH Status</b>	For the REACH status of this product please consult your company contact, as identified in Section 1.
<b>United States inventory (TSCA 8b)</b>	All components are active or exempted.
<b>Australia inventory (AIC)</b>	All components are listed or exempted.
<b>Canada inventory</b>	All components are listed or exempted.
<b>China inventory (IECSC)</b>	Not determined.
<b>Japan inventory (CSCL)</b>	At least one component is not listed.
<b>Korea inventory (KECI)</b>	All components are listed or exempted.
<b>Philippines inventory (PICCS)</b>	Not determined.
<b>Taiwan Chemical Substances Inventory (TCSI)</b>	Not determined.

## Section 16. Other information

### History

<b>Date of printing</b>	10/7/2025
<b>Date of issue/Date of revision</b>	10/7/2025
<b>Date of previous issue</b>	10/7/2025
<b>Version</b>	3.03
<b>Prepared by</b>	Product Stewardship
<b>Key to abbreviations</b>	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006] UN = United Nations Varies = may contain one or more of the following 64741-88-4, 64741-89-5, 64741-95-3, 64741-96-4, 64742-01-4, 64742-44-5, 64742-45-6, 64742-52-5, 64742-53-6, 64742-54-7, 64742-55-8, 64742-56-9, 64742-57-0, 64742-58-1, 64742-62-7, 64742-63-8, 64742-65-0, 64742-70-7, 72623-85-9, 72623-86-0, 72623-87-1
<b>References</b>	Not available.

✔ Indicates information that has changed from previously issued version.

### Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from BP Group.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the

<b>Product name</b> Castrol Transmax ATF DX III Multivehicle	<b>Product code</b> 469689-TR01	<b>Page:</b> 15/16
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	<b>Kazakhstan</b>	<b>(ENGLISH)</b>

## Section 16. Other information

material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. You can contact the BP Group to ensure that this document is the most current available. Alteration of this document is strictly prohibited.