

SAFETY DATA SHEET



Castrol Transmax ATF DEXRON-VI MERCON LV Multivehicle

Section 1. Chemical product and company identification

GHS product identifier Castrol Transmax ATF DEXRON-VI MERCON LV Multivehicle
Product code 469577-TR01
SDS # 469577

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 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 2
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3

GHS label elements

Signal word No signal word.

Hazard statements H401 - Toxic to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

General P103 - Read carefully and follow all instructions.
P102 - Keep out of reach of children.
P101 - If medical advice is needed, have product container or label at hand.

Prevention P273 - Avoid release to the environment.

Response Not applicable.

Storage Not applicable.

Disposal P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

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

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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 light paraffinic	≥25 - ≤50	CAS: 64742-55-8 EC: 265-158-7	ASPIRATION HAZARD - Category 1	[1]
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	≤3	CAS: 72623-86-0 EC: 276-737-9	ASPIRATION HAZARD - Category 1	[1]
3-(decyloxy) tetrahydrothiophene 1,1-dioxide	≤3	CAS: 18760-44-6 EC: 800-172-4	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2	[1]
Distillates (petroleum), solvent-dewaxed heavy paraffinic	≤3	CAS: 64742-65-0 EC: 265-169-7	ASPIRATION HAZARD - Category 1	[1]
dimantine	≤0.3	CAS: 124-28-7 EC: 204-694-8	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]
Bis (2-hydroxyethyl) tallow alkylamine	<0.1	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]
2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol	<0.1	CAS: 27136-73-8 EC: 248-248-0	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1C SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2 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.

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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. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Get medical attention if adverse health effects persist or are severe.
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

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

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

Specific treatments	No specific treatment.
Notes to physician	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.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training.

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media	Use foam or all-purpose dry chemical to extinguish.
Unsuitable extinguishing media	Do not use water jet.

Specific hazards arising from the chemical

Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life. This material is harmful to aquatic life with long lasting effects.

Hazardous thermal decomposition products

Combustion products may include the following:
carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide)
sulphur oxides (SO, SO₂, etc.)
nitrogen oxides (NO, NO₂ etc.)

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

For non-emergency personnel	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. Avoid breathing vapour or mist. Provide adequate ventilation. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling. Contact emergency personnel.
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Section 6. Accidental release measures

For emergency responders

Entry into a confined space or poorly ventilated area contaminated with vapour, mist or fume is extremely hazardous without the correct respiratory protective equipment and a safe system of work. Wear self-contained breathing apparatus. Wear a suitable chemical protective suit. Chemical resistant boots. 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). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and material for containment and cleaning up

Small spill

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.

Large spill

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. 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. Contaminated absorbent material may pose the same hazard as the spilt product. 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). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Avoid contact of spilt material and runoff with soil and surface waterways.

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.

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Section 8. Exposure controls/personal protection

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

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	Closed cup: 188.5°C (371.3°F) [Pensky-Martens ASTM D 93]
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 light paraffinic	<0.07501	<0.01	ASTM D 5191			
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	<0.07501	<0.01	ASTM D 5191			
Distillates (petroleum), solvent-dewaxed heavy paraffinic	<0.07501	<0.01	ASTM D 5191			

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

Media	Result
water	Not soluble

Partition coefficient: n-octanol/water	Not applicable.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Kinematic: 29.59 mm ² /s (29.59 cSt) at 40°C Kinematic: 5.6 to 6.2 mm ² /s (5.6 to 6.2 cSt) at 100°C

Particle characteristics

Median particle size	Not applicable.
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Section 10. Stability and reactivity

Reactivity	No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.
Chemical stability	The product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur.
Conditions to avoid	Avoid all possible sources of ignition (spark or flame).
Incompatible materials	Reactive or incompatible with the following materials: oxidising materials.
Hazardous decomposition products	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	Result
Distillates (petroleum), hydrotreated heavy paraffinic	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 light paraffinic	Rat - Oral - LD50 >5000 mg/kg OECD 401 Rabbit - Dermal - LD50 >5000 mg/kg OECD 402 Rat - Inhalation - LC50 Dusts and mists >5.53 mg/l [4 hours] OECD 403
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	Rat - Oral - LD50 >5000 mg/kg OECD 401 Rat - Dermal - LD50 >2000 mg/kg OECD 402 Rat - Inhalation - LC50 Dusts and mists >5 mg/l [4 hours] OECD 403
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Rat - Oral - LD50 >5000 mg/kg OECD 401 Rat - Dermal - LD50 >2000 mg/kg OECD 402 Rat - Inhalation - LC50 Dusts and mists

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dimantine	>5.53 mg/l [4 hours] OECD 403 Rat - Oral - LD50 1230 mg/kg OECD 401 Rabbit - Dermal - LC50 8000 mg/kg TEPA and OECD
Bis (2-hydroxyethyl) tallow alkylamine	Rat - Oral - LD50 1350 mg/kg OECD 401
2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol	Rat - Oral - LD50 500 to 5000 mg/kg

Skin corrosion/irritation

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic
Distillates (petroleum), hydrotreated light paraffinic
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
Distillates (petroleum), solvent-dewaxed heavy paraffinic
dimantine
Bis (2-hydroxyethyl) tallow alkylamine

Result

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

Serious eye damage/eye irritation

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic
Distillates (petroleum), hydrotreated light paraffinic
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
Distillates (petroleum), solvent-dewaxed heavy paraffinic
dimantine

Result

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
Rabbit - Eyes - Visible necrosis
OECD 405

Respiratory corrosion/irritation

Not available.

Respiratory or skin sensitization

Product/ingredient name

Result

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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

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

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 light paraffinic

In vitro - Bacteria

OECD [Bacterial Reverse Mutation Test]

Result: Negative

In vitro - Mammal - species unspecified

OECD [In vitro Mammalian Chromosomal Aberration Test]

Result: Negative

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

In vitro - Bacteria

OECD [Bacterial Reverse Mutation Test]

Result: Negative

In vitro - Mammal - species unspecified

OECD [In vitro Mammalian Chromosomal Aberration Test]

Result: Negative

In vitro - Unspecified

OECD [In vitro Mammalian Cell Gene Mutation Test]

Result: Negative

In vivo - Mammal - species unspecified

OECD [Mammalian Erythrocyte Micronucleus Test]

Result: Negative

Distillates (petroleum), solvent-dewaxed heavy paraffinic

In vitro - Bacteria

OECD [Bacterial Reverse Mutation Test]

Result: Negative

In vitro - Mammal - species unspecified

OECD [In vitro Mammalian Chromosomal Aberration Test]

Result: Negative

dimantine

In vivo - Bacteria

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Bis (2-hydroxyethyl) tallow alkylamine

OECD 471
Result: Negative
In vitro - Mammalian-Animal
OECD 476
Result: Negative
In vitro - Bacteria
OECD [Bacterial Reverse Mutation Test]
Result: Negative
In vitro - Mammal - species unspecified
OECD [In vitro Mammalian Cell Gene Mutation Test]
Result: Negative
In vitro - Mammalian-Human
OECD [In vitro Mammalian Chromosomal Aberration Test]
Result: Negative

Carcinogenicity

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), solvent-dewaxed heavy paraffinic

dimantine

Result

Mouse - Dermal - Unspecified

OECD 451

Result: Negative

Mouse - Dermal - Unspecified

OECD 451

Result: Negative

Rat - Unreported - Unspecified

OECD 453

104 weeks

Result: Negative

Reproductive toxicity

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), hydrotreated light paraffinic

Distillates (petroleum), solvent-dewaxed heavy paraffinic

dimantine

Bis (2-hydroxyethyl) tallow alkylamine

Result

Rat - Oral

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

Rat - Oral

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

Rat - Oral

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

Rat - Oral

OECD 421

Maternal toxicity: Positive

Fertility effects: Negative

Developmental: Negative

Rat - Oral

OECD 422

Maternal toxicity: Positive

Fertility effects: Equivocal

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Developmental: Equivocal

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Product/ingredient name

2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol

Result

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE (digestive system, thymus) (oral) - Category 2

Aspiration hazard

Distillates (petroleum), hydrotreated light paraffinic

ASPIRATION HAZARD - Category 1

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

ASPIRATION HAZARD - Category 1

Distillates (petroleum), solvent-dewaxed heavy paraffinic

ASPIRATION HAZARD - Category 1

Potential acute health effects

Eye contact

No known significant effects or critical hazards.

Inhalation

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin contact

Defatting to the skin. May cause skin dryness and irritation.

Ingestion

No known significant effects or critical hazards.

Название продукта/ингредиента

Результат

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact

No specific data.

Inhalation

May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.

Skin contact

Adverse symptoms may include the following:
irritation
dryness
cracking

Ingestion

No specific data.

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

Eye contact

Potential risk of transient stinging or redness if accidental eye contact occurs.

Skin contact

Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

Ingestion

Ingestion of large quantities may cause nausea and diarrhoea.

Potential chronic health effects

General

No known significant effects or critical hazards.

Carcinogenicity

No known significant effects or critical hazards.

Mutagenicity

No known significant effects or critical hazards.

Developmental effects

No known significant effects or critical hazards.

Fertility effects

No known significant effects or critical hazards.

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Section 12. Ecological information

Environmental effects

This material is toxic to aquatic life. This material is harmful to aquatic life with long lasting effects.

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]

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]

Acute - ErL50

OECD 201

Algae

100 mg/l [72 hours]

Chronic - NOELR

OECD 201

Algae

100 mg/l [72 hours]

Acute - EL50

OECD 202

Daphnia

>1000 mg/l [48 hours]

Distillates (petroleum), hydrotreated light paraffinic

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

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Distillates (petroleum), solvent-dewaxed heavy paraffinic	Chronic - NOELR
	OECD 211
	Daphnia
	10 to 1000 mg/l [21 days]
	Acute - LL50
	OECD 203
	Fish
	>100 mg/l [96 hours]
	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]	
Acute - EC50	
OECD 201	
Algae	
0.0165 mg/l [72 hours]	
Acute - EC50	
OECD 202	
Daphnia	
0.0558 mg/l [48 hours]	
Acute - LC50	
OECD 203	
Fish	
0.26 mg/l [96 hours]	
Chronic - ErL50	
OECD 201	
Algae	
0.00256 mg/l [72 hours]	
Chronic - NOEL	
OECD 211	
Daphnia	
0.036 mg/l [21 days]	
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	

dimantine

Bis (2-hydroxyethyl) tallow alkylamine

Section 12. Ecological information

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]

EC50

Fish

0.01 to 0.1 mg/l [96 hours]

2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol

Persistence and degradability

Expected to be biodegradable.

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), hydrotreated light paraffinic

Distillates (petroleum), solvent-dewaxed heavy paraffinic

dimantine

Bis (2-hydroxyethyl) tallow alkylamine

Result

OECD 301F

31% [28 days] - Not readily

OECD 301F

31% [28 days] - Not readily

OECD 301F

31% [28 days] - Not readily

OECD 301D

68% [28 days] - Readily

OECD 301D

61 to 65% [28 days] - Readily

Bioaccumulative potential

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

Product/ingredient name

LogP_{ow}

BCF

Potential

dimantine

>6.91

-

High

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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty

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Section 13. Disposal considerations

containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

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

Special precautions for user Not available.

Section 15. Regulatory information

Regulation according to other foreign laws

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

Section 16. Other information

History

Date of printing	1/11/2026
Date of issue/Date of revision	1/11/2026
Date of previous issue	12/4/2024
Version	1.01
Prepared by	Product Stewardship

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Section 16. Other information

Key to abbreviations

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

References

Not available.

✔ Indicates information that has changed from previously issued version.

Notice to reader

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