SAFETY DATA SHEET

Castrol Transmax Axle Long Life 75W-140

Section 1. Identification

Product name Castrol Transmax Axle Long Life 75W-140

Product code 469697-DE01

SDS # 469697

Use of the substance/mixture Gear lubricant
For specific application advice see appropriate Technical Data Sheet or consult our company representative.

Product type Liquid.

Supplier Castrol New Zealand Limited
Level 2 - 105 Carlton Gore Road
Newmarket
Auckland, New Zealand

www.castrol.com/nz
Technical Helpline 0800 10 40 60

Emergency telephone number 0800 243643 (0800 CHEMHELP) (NZ use only)

New Zealand National Poisons Centre 0800 764 766 National Poison Centre

Section 2. Hazards identification

HSNO Classification REPRODUCTIVE TOXICITY - Category 2
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3

This material is classified as hazardous according to criteria in the Hazardous Substances (Hazard Classification) Notice 2020.

This material is not classified as DANGEROUS GOODS according to criteria in New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.

GHS label elements

Signal word Warning

Hazard statements Suspected of damaging fertility or the unborn child.
Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Avoid release to the environment.

Response IF exposed or concerned: Get medical attention.

Storage Store locked up.

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

Symbol

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

Section 3. Composition/information on ingredients

Substance/mixture Mixture

Poly-alpha-olefin. Ester. Proprietary performance additives.

Ingredient name	% (w/w)	CAS number
1-Decene, homopolymer, hydrogenated	≤10	CAS: 68037-01-4
Dec-1-ene, homopolymer, hydrogenated	≤10	CAS: 68037-01-4
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	≤10	CAS: 68037-01-4
tris(methylphenyl) phosphate	≤1.2	CAS: 1330-78-5
Amines, C12-14-tert-alkyl	≤0.2	CAS: 68955-53-3
(Z)-octadec-9-enylamine	≤0.1	CAS: 112-90-3
Alcohols, C12-16, ethoxylated	≤0.1	CAS: 68551-12-2

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.

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

Section 4. First aid measures

Description of necessary first aid measures

Inhalation If inhaled, remove to fresh air. Get medical attention.

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.

Skin contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention. If skin irritation or rash occurs: Get medical advice/attention.

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.

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

Notes to physician 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Section 5. Firefighting measures

Extinguishing media

Suitable Use foam or all-purpose dry chemical to extinguish.

Not suitable 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 harmful to aquatic life with long lasting effects.

Hazardous combustion products Combustion products may include the following:
phosphorus oxides
carbon oxides (CO, CO_2) (carbon monoxide, carbon dioxide)

Hazchem code Not available.

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

Section 5. Firefighting measures

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 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".

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 Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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.

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. Store locked up. 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.

Section 8. Exposure controls/personal protection

Recommended monitoring procedures

Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls

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.
Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.
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 protection

Safety glasses with side shields.

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.

Skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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 Amber.

Odour Not available.

pH Not available.

Melting point/freezing point Not available.

Boiling point or initial boiling point and boiling range Not available.

Section 9. Physical and chemical properties

Drop Point Not available.

Flash point Open cup: >180°C (>356°F) [Cleveland]

Auto-ignition temperature

Ingredient name	°C	°F	Method
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	343 to 369	649.4 to 696.2	ASTM D 2159
1-Decene, homopolymer, hydrogenated	343 to 369	649.4 to 696.2	ASTM D 2159
Dec-1-ene, homopolymer, hydrogenated	343 to 369	649.4 to 696.2	ASTM D 2159
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	343 to 369	649.4 to 696.2	ASTM D 2159

Flammability Not available.

Vapour pressure >0.01 kPa

Relative vapour density Not available.

Density <1000 kg/m³ (<1 g/cm³) at 15°C

Solubility(ies)

Media	Result
water	Not soluble

Viscosity Kinematic: 182 mm^2/s (182 cSt) at 40°C
Kinematic: 24.5 to 25.5 mm^2/s (24.5 to 25.5 cSt) at 100°C

Particle characteristics

Median particle size Not applicable.

Section 10. Stability and reactivity

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 likely routes of exposure

Inhalation Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure.

Ingestion No known significant effects or critical hazards.

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

Eye contact No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

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

Ingestion Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations

Section 11. Toxicological information

Skin contact

Adverse symptoms may include the following:
irritation
dryness
cracking
reduced foetal weight
increase in foetal deaths
skeletal malformations

Eye contact

No specific data.

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

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result
1-Decene, homopolymer, hydrogenated	**Rat - Oral - LD50** >5000 mg/kg OECD 423 **Rat - Dermal - LD50** >2000 mg/kg OECD 402 **Rat - Inhalation - LD50 Dusts and mists** >5.2 mg/l [4 hours] OECD 403
Dec-1-ene, homopolymer, hydrogenated	**Rat - Oral - LD50** >5000 mg/kg OECD 423 **Rat - Dermal - LD50** >2000 mg/kg OECD 402 **Rat - Inhalation - LD50 Dusts and mists** >5.2 mg/l [4 hours] OECD 403
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	**Rat - Oral - LD50** >5000 mg/kg OECD 423 **Rat - Dermal - LD50** >2000 mg/kg OECD 402 **Rat - Inhalation - LD50 Dusts and mists** >5.2 mg/l [4 hours] OECD 403
Amines, C12-14-tert-alkyl	**Rat - Oral - LD50** 612 mg/kg OECD 401 **Rat - Dermal - LD50** 251 mg/kg OECD 402 **Rat - Inhalation - LC50 Vapour** 1.19 mg/l [4 hours] OECD 403
(Z)-octadec-9-enylamine	**Rat - Oral - LD50** 1689 mg/kg OECD 401

Skin corrosion/irritation

Product/ingredient name	Result

1-Decene, homopolymer, hydrogenated	**Rabbit - Skin - Non-irritant to skin.** OECD 404
Dec-1-ene, homopolymer, hydrogenated	**Rabbit - Skin - Non-irritant to skin.** OECD 404
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	**Rabbit - Skin - Non-irritant to skin.** OECD 404
Amines, C12-14-tert-alkyl	**Rabbit - Skin - Visible necrosis**
(Z)-octadec-9-enylamine	**Rabbit - Skin - Visible necrosis** OECD 404

Serious eye damage/eye irritation

Product/ingredient name	Result
1-Decene, homopolymer, hydrogenated	**Rabbit - Eyes - Non-irritating to the eyes.** OECD 405
Dec-1-ene, homopolymer, hydrogenated	**Rabbit - Eyes - Non-irritating to the eyes.** OECD 405
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	**Rabbit - Eyes - Non-irritating to the eyes.** OECD 405
Amines, C12-14-tert-alkyl	**Rabbit - Eyes - Visible necrosis**
(Z)-octadec-9-enylamine	**Rabbit - Eyes - Severe irritant** OECD 405

Respiratory corrosion/irritation

Not available.

Respiratory or skin sensitization

Product/ingredient name	Result
1-Decene, homopolymer, hydrogenated	**Guinea pig - skin** OECD 406 Result: Not sensitising
Dec-1-ene, homopolymer, hydrogenated	**Guinea pig - skin** OECD 406 Result: Not sensitising
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	**Guinea pig - skin** OECD 406 Result: Not sensitising
Amines, C12-14-tert-alkyl	**Guinea pig - skin** OECD 406 Result: Sensitising

Potential chronic health effects

General	No known significant effects or critical hazards.
Inhalation	Overexposure to the inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
Ingestion	Ingestion of large quantities may cause nausea and diarrhoea.
Skin contact	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Eye contact	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.

Section 11. Toxicological information

Fertility effects Suspected of damaging fertility.

Chronic toxicity

Not available.

Conclusion/Summary[Product] Not available.

Carcinogenicity

Not available.

Germ cell mutagenicity

Product/ingredient name	Result
1-Decene, homopolymer, hydrogenated	**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 vivo - Mammal - species unspecified** OECD [Mammalian Erythrocyte Micronucleus Test] Result: Negative
Dec-1-ene, homopolymer, hydrogenated	**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 vivo - Mammal - species unspecified** OECD [Mammalian Erythrocyte Micronucleus Test] Result: Negative
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	**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 vivo - Mammal - species unspecified** OECD [Mammalian Erythrocyte Micronucleus Test] Result: Negative
Amines, C12-14-tert-alkyl	**In vitro - Bacteria** Bacterial Reverse Mutation Test Result: Negative **In vitro - Mammal - species unspecified** In vitro Mammalian Cell Gene Mutation Test Result: Negative **In vivo - Mammal - species unspecified** Mammalian Erythrocyte Micronucleus Test Result: Negative
(Z)-octadec-9-enylamine	**In vitro - Bacteria** OECD 471 Result: Negative **In vitro - Unspecified** OECD 473 Result: Negative **In vitro - Mammal - species unspecified** OECD 476 Result: Negative

Section 11. Toxicological information

Reproductive toxicity

Product/ingredient name	Result
1-Decene, homopolymer, hydrogenated	**Rat - Oral** OECD 415 Maternal toxicity: Negative Fertility effects: Negative Developmental: Negative
Dec-1-ene, homopolymer, hydrogenated	**Rat - Oral** OECD 415 Maternal toxicity: Negative Fertility effects: Negative Developmental: Negative
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	**Rat - Oral** OECD 415 Maternal toxicity: Negative Fertility effects: Negative Developmental: Negative
Amines, C12-14-tert-alkyl	**Rat - Oral** OECD 415 Maternal toxicity: Negative Fertility effects: Negative Developmental: Negative
(Z)-octadec-9-enylamine	**Rat - Oral** OECD 421 Maternal toxicity: Positive Fertility effects: Negative Developmental: Negative

Specific target organ toxicity (single exposure)

Product/ingredient name	Result
(Z)-octadec-9-enylamine	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
(Z)-octadec-9-enylamine	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

Aspiration hazard

Product/ingredient name	Result
1-Decene, homopolymer, hydrogenated	ASPIRATION HAZARD - Category 1
Dec-1-ene, homopolymer, hydrogenated	ASPIRATION HAZARD - Category 1
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	ASPIRATION HAZARD - Category 1
(Z)-octadec-9-enylamine	ASPIRATION HAZARD - Category 1

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Amines, C12-14-tert-alkyl	500	300	N/A	0.5	N/A
(Z)-octadec-9-enylamine	500	N/A	N/A	N/A	N/A

Section 12. Ecological information

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

Aquatic and terrestrial toxicity

Product/ingredient name	Result
1-Decene, homopolymer, hydrogenated	**Acute - EL50** Equivalent to OECD 201 Algae >1000 mg/l [72 hours] **Acute - EL50** OECD 202 Daphnia >1000 mg/l [48 hours] **Chronic - NOELR** OECD 211 Daphnia 125 mg/l [21 days] **Acute - LL50** OECD 203 Fish >1000 mg/l [96 hours]
Dec-1-ene, homopolymer, hydrogenated	**Acute - EL50** Equivalent to OECD 201 Algae >1000 mg/l [72 hours] **Acute - EL50** OECD 202 Daphnia >1000 mg/l [48 hours] **Chronic - NOELR** OECD 211 Daphnia 125 mg/l [21 days] **Acute - LL50** OECD 203 Fish >1000 mg/l [96 hours]
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	**Acute - EL50** OECD 201 Algae >1000 mg/l [72 hours] **Acute - EL50** OECD 202 Daphnia >1000 mg/l [48 hours] **Chronic - NOELR** OECD 211 Daphnia 125 mg/l [21 days] **Acute - LL50** OECD 203 Fish >1000 mg/l [96 hours]
Amines, C12-14-tert-alkyl	**Acute - ErC50** OECD 201 Algae 0.44 mg/l [72 hours] **Acute - EC50** OECD 202 Daphnia 2.5 mg/l [48 hours] **Acute - LC50** OECD 203

	Fish 1.3 mg/l [96 hours] **Acute - EC50** OECD 209 Micro-organism 63.5 mg/l [3 hours] **Chronic - NOEC** OECD 201 Algae 0.05 mg/l [72 hours]
(Z)-octadec-9-enylamine	**Acute - ErC50** OECD 201 Algae 0.04 mg/l [96 hours] **Chronic - NOEC** OECD 201 Algae 0.01 mg/l [96 hours] **Chronic - NOEC** OECD 211 Daphnia 0.013 mg/l [21 days] **Acute - LC50** EPA OPPTS 850.1085 Fish 0.06 mg/l [96 hours]

Persistence and degradability

Not expected to be rapidly degradable.

Product/ingredient name	Result
Amines, C12-14-tert-alkyl	OECD 301D 21.8% [28 days] - Not readily
(Z)-octadec-9-enylamine	OECD 301B 66% [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
1-Decene, homopolymer, hydrogenated	>10	-	High
Dec-1-ene, homopolymer, hydrogenated	>6.5	-	High
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	>10	-	High
tris(methylphenyl) phosphate	5.93	-	High
Amines, C12-14-tert-alkyl	2.9	-	Low
(Z)-octadec-9-enylamine	4.33	-	High

Mobility in soil

Mobility Spillages may penetrate the soil causing ground water contamination.

Soil/water partition coefficient Not available.

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 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

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
New Zealand Class	Not regulated.	-	-	-		-
ADG Class	Not regulated.	-	-	-		-
IATA Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-

PG* : Packing group

Section 15. Regulatory information

New Zealand Regulatory Information

HSNO Approval Number HSR002606

HSNO Group Standard Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2020

HSNO Classification REPRODUCTIVE TOXICITY - Category 2
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3

Regulation according to other foreign laws

REACH Status The company, as identified in Section 1, sells this product in the EU in compliance with the current requirements of REACH.

United States inventory (TSCA 8b) All components are active or exempted.

Australia inventory (AIIC) All components are listed or exempted.

Canada inventory status All components are listed or exempted.

China inventory (IECSC) All components are listed or exempted.

Japan inventory (CSCL) All components are listed or exempted.

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 issue/Date of revision	15 October 2025
Date of previous issue	10 July 2025.
Version	5.01
Prepared by	Not available.
Key to abbreviations	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

Notice to reader

Indicates information that has changed from previously issued version.

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 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.