

Castrol Vecton Long Drain 10W-40 E7

Section 1. Identification

Product name	Castrol Vecton Long Drain 10W-40 E7
Product code	468510-MY01
SDS #	468510
Use of the substance/mixture	Engine Oils. 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 Not classified.

This material is not 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	No signal word.
Hazard statements	<input checked="" type="checkbox"/> No known significant effects or critical hazards.
Precautionary statements	
Prevention	<input checked="" type="checkbox"/> Not applicable.
Response	Not applicable.
Storage	Not applicable.
Disposal	<input checked="" type="checkbox"/> Not applicable.
Other hazards which do not result in classification	None known.

Section 3. Composition/information on ingredients

Substance/mixture Mixture
Chemically modified base oil Proprietary performance additives.

Ingredient name	% (w/w)	CAS number
<input checked="" type="checkbox"/> Distillates (petroleum), hydrotreated heavy paraffinic	≥30 - ≤60	CAS: 64742-54-7
Distillates (petroleum), hydrotreated heavy paraffinic	≥10 - ≤30	CAS: 64742-54-7
Distillates (petroleum), solvent-dewaxed heavy paraffinic	≥10 - ≤30	CAS: 64742-65-0
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	≤3	CAS: 101316-72-7

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		Language ENGLISH (ENGLISH)

Section 3. Composition/information on ingredients

Distillates (petroleum), solvent-dewaxed light paraffinic	≤3	CAS: 64742-56-9
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts	<2.5	CAS: 113706-15-3

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. 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. 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. 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. 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.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training.

Section 5. Firefighting measures

Extinguishing media

Suitable	In case of fire, use foam, dry chemical or carbon dioxide extinguisher or spray.
Not suitable	Do not use water jet.
Specific hazards arising from the chemical	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	Combustion products may include the following: carbon oxides (CO, CO ₂) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO ₂ etc.)
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.
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	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".
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".

Section 6. Accidental release measures

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

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

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

Ingredient name	Exposure limits
Distillates (petroleum), hydrotreated heavy paraffinic	HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand) [Oil mineral] WES-TWA 8 hours: 5 mg/m ³ . Form: Mist. Issued/Revised: 6/2016. WES-STEL 15 minutes: 10 mg/m ³ . Form: Mist. Issued/Revised: 9/2010.
Distillates (petroleum), hydrotreated heavy paraffinic	HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand) [Oil mineral] WES-TWA 8 hours: 5 mg/m ³ . Form: Mist. Issued/Revised: 6/2016. WES-STEL 15 minutes: 10 mg/m ³ . Form: Mist. Issued/Revised: 9/2010.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand) [Oil mineral] WES-TWA 8 hours: 5 mg/m ³ . Form: Mist. Issued/Revised: 6/2016. WES-STEL 15 minutes: 10 mg/m ³ . Form: Mist. Issued/Revised: 9/2010.
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand) [Oil mineral] WES-TWA 8 hours: 5 mg/m ³ . Form: Mist. Issued/Revised: 6/2016. WES-STEL 15 minutes: 10 mg/m ³ . Form: Mist. Issued/Revised: 9/2010.
Distillates (petroleum), solvent-dewaxed light paraffinic	HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES)

Section 8. Exposure controls/personal protection

(New Zealand) [Oil mineral]

WES-TWA 8 hours: 5 mg/m³. Form: Mist. Issued/Revised: 6/2016.

WES-STEL 15 minutes: 10 mg/m³. Form: Mist. Issued/Revised: 9/2010.

Biological exposure indices

No exposure indices known.

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	Brown. [Dark]
Odour	Not available.
pH	Not applicable.
Melting point/freezing point	Not available.
Boiling point or initial boiling point and boiling range	Not available.

Drop Point Not available.

Flash point Closed cup: 212°C (413.6°F) [Pensky-Martens ASTM D 93]

Auto-ignition temperature

Ingredient name	°C	°F	Method
<input checked="" type="checkbox"/> Polybutene (Isobutylene/butene copolymer)	215	419	EU A.15

Flammability

Not available.

Vapour pressure

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
<input checked="" type="checkbox"/> 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), solvent-dewaxed heavy paraffinic	<0.07501	<0.01	ASTM D 5191			
Polybutene (Isobutylene/butene copolymer)	5.10043	0.68		13.05111	1.7	
Distillates (petroleum), solvent-dewaxed light paraffinic	<0.07501	<0.01	ASTM D 5191			

Relative vapour density Not available.

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

Solubility(ies)

Media	Result
water	Not soluble

Viscosity Kinematic: 84.03 mm²/s (84.03 cSt) at 40°C
Kinematic: 12.84 mm²/s (12.84 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.

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Section 11. Toxicological information

Information on likely routes of exposure

Inhalation	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
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	No specific data.
Ingestion	No specific data.
Skin contact	Adverse symptoms may include the following: irritation dryness cracking
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

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

Rabbit - Dermal - LD50

>5000 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

>5.53 mg/l [4 hours]
OECD 403

Distillates (petroleum), solvent-dewaxed light paraffinic

Rat - Oral - LD50

>5000 mg/kg
OECD 401

Rabbit - Dermal - LD50

>5000 mg/kg
OECD 402

Rat - Inhalation - LC50 Dusts and mists

>2.18 mg/l [4 hours]
OECD 403

Section 11. Toxicological information

Skin corrosion/irritation

Product/ingredient name

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

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.

Serious eye damage/eye irritation

Product/ingredient name

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

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

Respiratory corrosion/irritation

Not available.

Respiratory or skin sensitization

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Distillates (petroleum), solvent-dewaxed light paraffinic

Result

Guinea pig - skin
OECD 406
Result: Not sensitising
Guinea pig - skin
OECD 406
Result: Not sensitising
Guinea pig - skin
OECD 406
Result: Not sensitising
Guinea pig - skin
OECD 406
Result: Not sensitising

Potential chronic health effects

General

USED ENGINE OILS

Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained.

Inhalation

Not applicable.

Ingestion

Ingestion of large quantities may cause nausea and diarrhoea.

Section 11. Toxicological information

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.
Fertility effects	No known significant effects or critical hazards.

Chronic toxicity

Not available.

Conclusion/Summary[Product] Not available.

Carcinogenicity

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Result

Mouse - Dermal - Unspecified

OECD 451

Result: Negative

Mouse - Dermal - Unspecified

OECD 451

Result: Negative

Mouse - Dermal - Unspecified

OECD 451

Result: Negative

Germ cell mutagenicity

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), solvent-dewaxed 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

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

In vitro - Bacteria

OECD [Bacterial Reverse Mutation Test]

Result: Negative

In vitro - Mammal - species unspecified

OECD [In vitro Mammalian Chromosomal Aberration Test]

Result: Negative

Section 11. Toxicological information

Distillates (petroleum), solvent-dewaxed light paraffinic

In vitro - Bacteria

OECD [Bacterial Reverse Mutation Test]

Result: Negative

In vitro - Mammal - species unspecified

In vitro Mammalian Chromosomal Aberration Test

Result: Negative

Reproductive toxicity

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Result

Rat - Oral

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

Distillates (petroleum), hydrotreated heavy paraffinic

Rat - Oral

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Rat - Oral

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

Distillates (petroleum), solvent-dewaxed light paraffinic

Rat - Oral

OECD 421

Maternal toxicity: Negative

Fertility effects: Negative

Developmental: Negative

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Product/ingredient name

Distillates (petroleum), hydrotreated heavy paraffinic

Result

ASPIRATION HAZARD - Category 1

Distillates (petroleum), solvent-dewaxed light paraffinic

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)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts	2500	N/A	N/A	N/A	N/A

Section 12. Ecological information

Ecotoxicity

No known significant effects or critical hazards.

Aquatic and terrestrial toxicity

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 - 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

Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Section 12. Ecological information

Distillates (petroleum), solvent-dewaxed light paraffinic

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]

Persistence and degradability

Partially biodegradable.

Product/ingredient name

Result

Distillates (petroleum), hydrotreated heavy paraffinic

OECD 301F
31% [28 days] - Not readily

Distillates (petroleum), hydrotreated heavy paraffinic

OECD 301F
31% [28 days] - Not readily

Distillates (petroleum), solvent-dewaxed heavy paraffinic

OECD 301F
31% [28 days] - Not readily

Distillates (petroleum), solvent-dewaxed light paraffinic

OECD 301F
31% [28 days] - Not readily

Bioaccumulative potential

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

Not available.

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. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff

Section 13. Disposal considerations

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 None assigned.

HSNO Group Standard None assigned.

HSNO Classification Not classified.

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 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 23 October 2025

Date of previous issue 19 September 2025.

Version 3

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.

Section 16. Other information

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.