Performance Plus SQ/GF-7A Synthetic Blend Passenger Car Motor Oil Grades 5W-20, 5W-30, and 10W-30

Safety Data Sheet

According To Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules And Regulations And According To The Hazardous Products Regulation (December 15, 2022).
«AS_REV_DATE$Text» Date of issue: 03/20/2025 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Performance Plus SQ/GF-7A Synthetic Blend Passenger Car Motor Oil Grades 5W-20, 5W-30, and 10W-30

Product Code: Prefix 21K

Synonyms: Engine oil; PCMO; Syn Blend

SDS No: 820511

1.2. Intended Use of the Product

Lubricating oil. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

1.3. Name, Address, and Telephone of the Responsible Party

FOR PRODUCT MANUFACTURED IN U.S.A.:

Manufacturer
Performance Plus
42 Longwater Drive
Norwell, MA 02061-9147
1-800-669-5740
www.safety-kleen.com

Supplier (In Canada)
Safety-Kleen Canada, Inc.
25 Regan Road
Brampton, Ontario, L7A 1B2
Canada

FOR PRODUCT MANUFACTURED IN CANADA

Manufacturer
Safety-Kleen Canada, Inc.
25 Regan Road
Brampton, Ontario, L7A 1B2
Canada

Supplier (In the U.S.A.)
Safety-Kleen Systems, Inc.
42 Longwater Drive
Norwell, MA 02061-9149
1-800-669-5740
www.safety-kleen.com

1.4. Emergency Telephone Number

Emergency Number : 1-800-468-1760

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

2.2. Label Elements

GHS-US/CA Labeling

No labeling applicable according to 29 CFR 1910.1200 and the Hazardous Products Regulations (HPR) SOR/2015-17.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Lubricating oils, petroleum, hydrotreated spent	Lubricating oils (petroleum), hydrotreated spent / Oils, lubricating, (petroleum), hydrotreated spent / Lubricating oils (petroleum) hydrotreated spent / Lubricating oils, petroleum, hydrotreated, spent /	(CAS-No.) 64742-58-1	81 – 88	Asp. Tox. 1, H304

	Lubricating oils, petroleum, hydrotreated spent (A complex combination of hydrocarbons obtained by treating a spent lube oil with hydrogen in the presence of a catalyst. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15-50.)			
Mineral oils		(CAS-No.) Not Applicable	3 – 10	Not classified.
Distillates, petroleum, hydrotreated heavy paraffinic	Petroleum distillates, hydrotreated heavy paraffinic / Distillates (petroleum), hydrotreated heavy paraffinic / Paraffin oil / Distillates, petroleum, hydrotreated heavy paraffinic (A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20-50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.) / Heavy paraffinic hydrotreated distillate / HYDROGENATED MINERAL OIL / Hydrogenated mineral oil	(CAS-No.) 64742-54-7	1 – 5	Asp. Tox. 1, H304
Distillates, petroleum, solvent-dewaxed heavy paraffinic	Petroleum distillates, solvent dewaxed heavy paraffinic / Distillates (petroleum), solvent-dewaxed heavy paraffinic / Paraffin oil / Distillates, petroleum, solvent dewaxed heavy paraffinic / Oils, paraffinic, heavy, solvent-dewaxed / Distillates, petroleum, solvent-dewaxed heavy paraffinic (A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20-50 and produces a finished oil with a viscosity not less than 100 SUS at 100°F.) / Solvent dewaxed heavy paraffinic distillate (petroleum)	(CAS-No.) 64742-65-0	0.5 – 1.5	Asp. Tox. 1, H304
Zinc, bis[O,O-bis(1,3-dimethylbutyl)	O,O-Bis(1,3-dimethylbutyl)dithiophosphate zinc salt / 2-Pentanol, 4-	(CAS-No.) 2215-35-2	0.1 – 1	Skin Irrit. 2, H315 Eye Dam. 1, H318

phosphorodithioato-S,S']-, (T-4)-	methyl-, hydrogen phosphorodithioate, zinc salt / Phosphorodithioic acid, O,O-bis(1,3-dimethylbutyl) ester, zinc salt / Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate) / Zinc O,O-di(1,3-dimethylbutyl)phosphorodithioate / Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4)- / Zinc bis(1,3-dimethylbutyl)phosphorodithioate / 4-Methyl-2-pentanol hydrogen phosphorodithioate zinc salt / (T-4)-Bis[O,O-bis(4-methylpentan-2-yl) phosphorodithioato-.kappa.S,.kappa.S']zinc(II) / Zinc bis(1,3-dimethylbutyl) dithiophosphate / Zinc bis(1,3-dimethylbutyl)dithiophosphate			Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Distillates, petroleum, solvent-refined heavy paraffinic	Petroleum distillates, solvent-refined heavy paraffinic / Distillates (petroleum), solvent refined, heavy paraffinic / Distillates, petroleum, solvent refined heavy paraffinic / Distillates (petroleum), solvent-refined heavy paraffinic / Distillates (petroleum) solvent-refined heavy paraffinic / Paraffin oil / Distillates, petroleum, solvent-refined heavy paraffinic (A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C20-50 and produces a finish oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C).) / Petroleum distillate solvent refined heavy paraffinic / Distillates (petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at	(CAS-No.) 64741-88-4	0.1 – 1	Asp. Tox. 1, H304

	100°F (19cSt at 40°C).] / Base oil, lubricant base stock / Solvent-refined heavy paraffinic petroleum distillates			
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)-	Phosphorodithioate, O,O-bis(2-ethylhexyl), zinc / Phosphorodithioic acid, O,O-bis(2-ethylhexyl) ester, zinc salt / Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) / Zinc, dithiophosphate bis(2-ethylhexyl) / Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4)- / Zinc bis[O,O-bis(2-ethylhexyl) bis(dithiophosphate) / Phosphorodithioic acid, O,O-bis(2-ethylhexyl)ester, zinc salt / Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4) / Phosphorodithioic acid O,O-bis(2-ethylhexyl) ester, zinc salt / (T-4)-Bis[O,O-bis(2-ethylhexyl)phosphorodithioato-.kappa.S,.kappa.S']zinc / Zinc di(2-ethylhexyl) dithiophosphate	(CAS-No.) 4259-15-8	0.1 – 0.3	Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide (MoO3)	Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide / OD-855 Concentrate / Reaction product of cocoalkyldiethanolamides and cocoalkylmonoglycerides and molybdenumtrioxide (1.75-2.2: 0.75-1.0:0.1-1.1) / Reaction product of cocoalkyldiethanolamides and cocoalkylmonoglycerides and molybdenumtrioxide / Reaction product of N,N-bis(hydroxyethyl) coco-amides, coco-monoglycerides and molybdenum trioxide / Reaction product of cocoalkyldiethanolamides and cocoalkylmonoglycerides and molybdenumtrioxide (1.75-2.2:0.75-1.0:0.1-1.1)	(CAS-No.) 445409-27-8	0.1 – 0.3	Not classified.

* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200. Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%). Full text of H-statements: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: If vomiting occurs, keep head below waistline. . Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO_2), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO_2). hydrocarbons.

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Spilled product presents a slipping hazard. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Spilled material may present a slipping hazard.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Lubricating oil. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Mineral oils		
USA ACGIH	ACGIH OEL TWA	5 mg/m³ Pure, highly and severely refined: 5 mg/m³ TWA (inhalable particulate matter). Poorly and mildly refined: Exposure by all routes should be carefully controlled to levels as low as possible.
USA OSHA	OSHA PEL TWA	5 mg/m³
USA NIOSH	NIOSH REL TWA	5 mg/m³
Alberta	OEL TWA	5 mg/m³
British Columbia	OEL TWA	1 mg/m³ Severely refined [0.2 mg/m³ for mildly refined oils]
Manitoba	OEL TWA	5 mg/m³ ACGIH Value
Newfoundland & Labrador	OEL TWA	5 mg/m³ ACGIH
Nova Scotia	OEL TWA	5 mg/m³ ACGIH
Nunavut	OEL STEL	10 mg/m³
Nunavut	OEL TWA	5 mg/m³
Northwest Territories	OEL STEL	10 mg/m³
Northwest Territories	OEL TWA	5 mg/m³
Ontario	OEL TWAEV	5 mg/m³ Pure, highly and severely refined
Québec	VECD (OEL STEV)	10 mg/m³
Québec	VEMP (OEL TWAEV)	5 mg/m³
Saskatchewan	OEL STEL	10 mg/m³
Saskatchewan	OEL TWA	5 mg/m³
Yukon	OEL STEL	10 mg/m³
Yukon	OEL TWA	5 mg/m³

8.2. Exposure Controls

Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Safety glasses with side-shields. Gloves. Protective clothing. Protective goggles.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Safety glasses with side-shields.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	:	Liquid
Appearance	:	Amber
Odor	:	No data available
Odor Threshold	:	No data available
pH	:	No data available
Evaporation Rate	:	No data available
Melting Point	:	No data available
Freezing Point	:	No data available
Boiling Point	:	No data available
Flash Point	:	195 °C (383 °F)
Auto-ignition Temperature	:	No data available
Decomposition Temperature	:	No data available
Flammability	:	Not applicable
Lower Flammable Limit	:	No data available
Upper Flammable Limit	:	No data available
Vapor Pressure	:	No data available
Relative Vapor Density at 20°C	:	No data available
Relative Density	:	0.88 (water =1)
Specific Gravity	:	No data available
Solubility	:	No data available
Partition Coefficient: N-Octanol/Water	:	No data available
Viscosity	:	> 20.5 mm^2/s

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions, Including those Associated with Foreseeable Emergencies:

Hazardous polymerization will not occur.

10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon oxides (CO, CO_2). Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified.

Acute Toxicity (Dermal): Not classified.

Acute Toxicity (Inhalation): Not classified.

LD50 and LC50 Data:

No additional information available

Skin Corrosion/Irritation: Not classified.

Eye Damage/Irritation: Not classified.

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None known.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Lubricating oils, petroleum, hydrotreated spent (64742-58-1)	
LD50 Oral Rat	> 2000 mg/kg (Source: IUCLID)
LD50 Dermal Rabbit	> 4480 mg/kg (Source: IUCLID)

Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)	
LD50 Oral Rat	> 5 g/kg
LD50 Dermal Rabbit	> 5 g/kg
LC50 Inhalation Rat	> 2400 mg/m³ (Exposure time: 4 h Source: EPA_HPV)

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
LD50 Oral Rat	> 15 g/kg (Source: EPA_HPV)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: EPA_HPV)

Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)	
LD50 Oral Rat	2000 – 5000 mg/kg (Source: CHEMVIEW)
LD50 Dermal Rabbit	> 3160 mg/kg (Source: NLM_CIP)
LC50 Inhalation Rat	> 2 mg/l (Exposure time: 1 h)
ATE US/CA (oral)	2,000.00 mg/kg body weight

Distillates, petroleum, solvent-refined heavy paraffinic (64741-88-4)	
LD50 Oral Rat	> 5000 mg/kg (Source: ECHA)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: ECHA)
LC50 Inhalation Rat	> 5530 mg/m³ (Exposure time: 4 h Source: EPA_HPV)

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (4259-15-8)	
LD50 Oral Rat	3100 mg/kg (Source: CHEMVIEW)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: CHEMVIEW)

Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide (MoO3) (445409-27-8)	
LD50 Dermal Rabbit	> 2 g/kg (Source: ECHA_API)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: IUCLID)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: IUCLID)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)	
LC50 Fish 1	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static] Source: IUCLID)
EC50 - Crustacea [1]	4 – 6 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	25 – 50 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)

Distillates, petroleum, solvent-refined heavy paraffinic (64741-88-4)	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: IUCLID)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (4259-15-8)	
LC50 Fish 1	10 – 35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static] Source: IUCLID)
EC50 - Crustacea [1]	1 – 1.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	1 – 5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)

Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide (MoO3) (445409-27-8)	
LC50 Fish 1	> 10 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA)

12.2. Persistence and Degradability

Performance Plus SQ/GF-7A Synthetic Blend Passenger Car Motor Oil Grades 5W-20, 5W-30, and 10W-30	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Performance Plus SQ/GF-7A Synthetic Blend Passenger Car Motor Oil Grades 5W-20, 5W-30, and 10W-30	
Bioaccumulative Potential	Not established.

Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)	
Partition coefficient n-octanol/water (Log Pow)	2.21 (at 20 °C / 68 °F) (at pH >=5-<=6)

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (4259-15-8)	
Partition coefficient n-octanol/water (Log Pow)	3.59 (at 22 °C / 71.6 °F) (at pH 5)

Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide (MoO3) (445409-27-8)	
BCF Fish 1	(7 (whole body d.w.)
Partition coefficient n-octanol/water (Log Pow)	0.3 – 6.5 (at pH 3.5)

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Not regulated for transport

14.2. In Accordance with IMDG

Not regulated for transport

14.3. In Accordance with IATA

Not regulated for transport

14.4. In Accordance with TDG

Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Lubricating oils, petroleum, hydrotreated spent (64742-58-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Distillates, petroleum, solvent-refined heavy paraffinic (64741-88-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (4259-15-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide (MoO3) (445409-27-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

EPA TSCA Regulatory Flag	PMN - PMN - indicates a commenced PMN substance.

15.2. US State Regulations

Neither this product nor its chemical components appear on any US state lists, or its chemical components are not required to be disclosed.

15.3. Canadian Regulations

Lubricating oils, petroleum, hydrotreated spent (64742-58-1)
Listed on the Canadian DSL (Domestic Substances List)
Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)
Listed on the Canadian DSL (Domestic Substances List)
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)
Listed on the Canadian DSL (Domestic Substances List)
Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)
Listed on the Canadian DSL (Domestic Substances List)
Distillates, petroleum, solvent-refined heavy paraffinic (64741-88-4)
Listed on the Canadian DSL (Domestic Substances List)
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (4259-15-8)
Listed on the Canadian DSL (Domestic Substances List)
Amides, coco, N,N-bis(hydroxyethyl), reaction products with coco monoglycerides and molybdenum oxide (MoO3) (445409-27-8)
Listed on the Canadian DSL (Domestic Substances List)

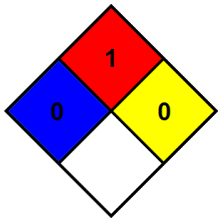
SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 03/20/2025

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

NFPA Health Hazard	:	0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
NFPA Fire Hazard	:	1 - Materials that must be preheated before ignition can occur.
NFPA Reactivity Hazard	:	0 - Material that in themselves are normally stable, even under fire conditions.



Glossary of Data Source Abbreviations

ATSDR: Agency for Toxic Substances and Disease Registry (U.S. Department of Health and Human Services)
AU_WES: Australia WES
CHEMVIEW: ChemView (U.S. Environmental Protection Agency)
EC_RAR: European Commission Renewal Assessment Report
EC_SCOEL: European Commission Scientific Committee on Occupational Exposure Limits
ECETOC: European Centre for Ecotoxicology and Toxicology of Chemicals Reports
ECHA_API: European Chemicals Agency API
ECHA_RAC: ECHA Committee for Risk Assessment
EFSA: European Food Safety Authority
EPA: U.S. Environmental Protection Agency
EPA_AEGL: Acute Exposure Guideline Levels (U.S. Environmental Protection Agency)
EPA_FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act Reregistration Eligibility Decision (U.S. Environmental Protection Agency)
EPA_HPV: High Production Volume Chemicals (U.S. Environmental Protection Agency)
EPA_TRED: Risk Assessment for Tolerance Reassessment Eligibility Decision (U.S. Environmental Protection Agency)
EU_CLH: European Union Harmonised Classification and Labelling Proposal
EU_RAR: European Union Risk Assessment Report
FOOD_JOURN: Food Research Journal (1956)
IARC: The International Agency for Research on Cancer
IDLH: National Institute for Occupational Health and Safety Immediately Dangerous to Life or Health Value Profiles
IUCLID: International Uniform Chemical Information Database
JAPAN_GHS: Japan GHS Basis for Classification Data
JP_J-CHECK: Japan J-Check
KR_NIER: South Korea National Institute of Environmental Research Evaluations
NICNAS: Australia National Industrial Chemicals Notification and Assessment Scheme
NIOSH: National Institute for Occupational Health and Safety (U.S. Department of Health and Human Services)
NLM_CIP: National Library of Medicine ChemID plus database
NLM_HSDB: National Library of Medicine Hazardous Substance Data Bank
NLM_PUBMED: National Library of Medicine PubMed database
NTP: National Toxicology Program
NZ_CCID: New Zealand Chemical Classification and Information Database
OECD_EHSP: Environment, Health, and Safety Publication (Organisation for Economic Co-operation and Development)
OECD_SIDS: Screening Information Data Sets (Organisation for Economic Co-operation and Development)
WHO: World Health Organization

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