



Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 1 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

SECTION 1: Identification

Product Identifier

Product Name: DuraMAX XLT Euro 0W-40 ACEA A3/B4

Product code: 950259040XE

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Motor Oil

Uses Advised Against: Any use than recommended above.

Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:

United States

Reladyne, LLC
8280 Montgomery Road
Suite 1 Cincinnati, OH 45236
(888) 830-3156
sds@reladyne.com

Emergency Telephone Number:

United States

INFOTRAC
(800) 535-5053 (24/7)

SECTION 2: Hazard(s) Identification

GHS Classification:

Acute toxicity (inhalation), category 4

Carcinogenicity, category 1B

Aspiration hazard, category 1

Label elements

Hazard Pictograms:



Signal Word: Danger

Hazard statements:

H350 May cause cancer.

H304 May be fatal if swallowed and enters airways

H332 Harmful if inhaled

Precautionary Statements:

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 2 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

P280 Wear protective gloves, protective clothing and eye protection.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area
P308+P313 If exposed or concerned: Get medical advice.
P331 Do NOT induce vomiting
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.
P312 Call a POISON CENTER if you feel unwell.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P405 Store locked up
P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 68037-01-4	Dec-1-ene, homopolymer, hydrogenated	45-70
CAS Number: 64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	11-35
CAS Number: 72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	1-5
CAS Number: 72623-86-0	Hydrotreated Neutral Oil-Based C15-C30	1-5
CAS Number: 64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic	0.5-1.5
CAS Number: 64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	0.1-1
CAS Number: 64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	0.1-1

Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Show this Safety Data Sheet to the doctor in attendance. Take precautions to ensure your own safety before attempting rescue. Wear appropriate safety eyewear, gloves, protective clothing and respiratory protection to prevent exposure. See Section 8 of this SDS for personal protective equipment recommendations. Do not use the mouth to mouth method if victim has ingested or inhaled the product. Give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper device.

After Inhalation:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 3 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention.

After Skin Contact:

Wash affected area with plenty of soap and water. Remove contaminated clothing and launder before reuse. If skin irritation develops or persists, seek medical advice/attention.

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact:

Immediately rinse eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. If eye irritation develops or persists, seek medical advice/attention.

After Swallowing:

This product presents an aspiration hazard. If aspiration is suspected, seek emergency medical treatment. If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

May be fatal if swallowed and enters airways. Aspiration may cause pulmonary edema and pneumonitis. Symptoms may include shortness of breath, dry cough and irritation of the nose, eyes, lips, mouth and throat.

Acute inhalation exposure may lead to dizziness, drowsiness, headache, breathing difficulties, nausea, vomiting, abdominal pain, and lowering of consciousness. Adverse effects are dependent on exposure (dose, concentration, contact time).

Delayed Symptoms and Effects:

Exposure may cause cancer. Effects are dependent on exposure (dose, concentration, contact time). Symptoms of pulmonary edema may be delayed. Symptoms of exposure may be delayed.

Immediate Medical Attention and Special Treatment

Specific Treatment:

Not determined or not applicable.

Notes for the Doctor:

Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Thermal decomposition may produce irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 4 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and laundry before reuse.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Harmful if inhaled. Put on appropriate personal protective equipment, including a self-contained breathing apparatus (see Section 8) before entering area of spill or leak. Avoid breathing dust, mist, fumes, vapors or spray. Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
NIOSH	Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	REL: 5 mg/m ³ (Oil mist, Mineral [for up to a 10-hour workday during a 40-hour workweek])

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 5 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	STEL: 10 mg/m ³ (Oil mist, mineral)
	Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	IDLH: 2500 mg/m ³ (Oil mist, mineral)
	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	REL-TWA: 5 mg/m ³ ([up to 10 hr] - Petroleum distillates, mildly or poorly refined)
	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	IDLH: 2500 mg/m ³ (Petroleum distillates, mildly or poorly refined)
	Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	REL-TWA: 5 mg/m ³ (up to 10 hr - oil mist [mineral])
	Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	IDLH: 2500 mg/m ³ (oil mist [mineral])
	Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	STEL: 10 mg/m ³ (oil mist [mineral])
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	REL-TWA: 350 mg/m ³ (petroleum distillates, naphtha [up to 10 hr])
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	IDLH: 1100 ppm (petroleum distillates, naphtha)
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	Ceiling Limit: 1800 mg/m ³ (petroleum distillates, naphtha [15 min])
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	REL-TWA: 5 mg/m ³ (oil mist, mineral [up to 10 hr])
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	STEL: 10 mg/m ³ (oil mist, mineral)
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	IDLH: 2500 mg/m ³ (oil mist, mineral)
	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	64742-70-7	REL-TWA: 5 mg/m ³ ([up to 10 hr] Oil Mist, Mineral)
	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	64742-70-7	15-Minute STEL: 10 mg/m ³ (Oil Mist, Mineral)
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	64742-70-7	IDLH: 2500 mg/m ³ (Oil Mist, Mineral)	
United States(California)	Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	8-Hour TWA: 5 mg/m ³ (Oil (mineral) mist, particulate)
	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	8-Hour TWA-PEL: 5 mg/m ³ (particulate - Petroleum distillates, mildly or poorly refined)
	Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	8-Hour TWA-PEL: 5 mg/m ³ (oil [mineral] mist, particulate)
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	8-Hour TWA-PEL: 1600 mg/m ³ (400 ppm [rubber solvent, naphtha])
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	8-Hour TWA-PEL: 5 mg/m ³ (oil [mineral] mist, particulate)
	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	64742-70-7	8-Hour TWA-PEL: 5 mg/m ³ (Mineral oil, Mist, particulate)

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 6 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	8-Hour TWA: 5 mg/m ³ (Mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction)
	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	8-Hour TWA: 5 mg/m ³ (Mineral oil, excluding metal working fluids, poorly and mildly refined. Poorly and mildly refined: Exposure by all routes should be carefully controlled to levels as low as possible.)
	Hydrotreated Neutral Oil-Based C15-C30	72623-86-0	8-Hour TWA: 5 mg/m ³ (Mineral oil, inhalable fraction)
	Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	TLV-TWA: 5 mg/m ³ ([8 hr] mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction)
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	8-Hour TWA: 5 mg/m ³ (mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction)
	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	64742-70-7	8-Hour TWA: 5 mg/m ³ (Mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction)
OSHA	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	8-Hour TWA-PEL: 5 mg/m ³ (Petroleum distillates, mildly or poorly refined)
	Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	8-Hour TWA-PEL: 5 mg/m ³ (oil mist [mineral])
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	8-Hour TWA-PEL: 1600 mg/m ³ (400 ppm [petroleum distillates (naphtha) (rubber solvent)])
	Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	8-Hour TWA-PEL: 5 mg/m ³ (oil mist [mineral])
	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	64742-70-7	8-Hour TWA-PEL: 5 mg/m ³ (Oil Mist, Mineral)

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 7 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. 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. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	Amber Liquid
Odor	Mild Petroleum
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	225 C
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	0.84
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 8 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Oxidizing properties

Not determined or not available.

SECTION 10: Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:

Avoid confined spaces, extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Incompatible Materials:

Strong oxidizing agents

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment:

Harmful if inhaled.

Product Data: No data available.

Substance Data:

Name	Route	Result
Dec-1-ene, homopolymer, hydrogenated	oral	LD50 Rat: > 2000 mg/kg
	inhalation	LC50 Rat: < 5.0 mg/L (4 hr [Mist])
	dermal	LD50 Rat: > 2000 mg/kg
Distillates (petroleum), hydrotreated heavy paraffinic	oral	LD50 Rat: >5000 mg/kg
	dermal	LD50 Rabbit: >5000 mg/kg
	inhalation	LC50 Rat: > 5.0 mg/L (4 hr [Mist])
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	oral	LD50 Rat: >5000 mg/kg
	dermal	LD50 Rabbit: >2000 mg/kg
	inhalation	LC50 Rat: 2.18 mg/L (4 hr mist)
Hydrotreated Neutral Oil-Based C15-C30	oral	LD50 Rat: > 2000 mg/kg
	inhalation	LC50 Rat: 2.18 mg/L (4 hr [aerosol])
	dermal	LD50 Rabbit: > 2000 mg/kg
Distillates (petroleum), solvent-dewaxed light paraffinic	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rabbit: > 2000 mg/kg
	inhalation	LC50 Rat: > 5.53 mg/L (4 hr [aerosol])
Distillates (petroleum), solvent-dewaxed heavy paraffinic	oral	LD50 Rat: > 5000 mg/kg
	inhalation	LC50 Rat: > 5.53 mg/L (4 hr [aerosol])
	dermal	LD50 Rabbit: > 5000 mg/kg

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 9 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Name	Route	Result
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	oral	LD50 Rat: >5000 mg/kg
	dermal	LD50 Rabbit: >5000 mg/kg
	inhalation	LC50 Rat: >5.3 mg/L (4 hr - Aerosol)

Skin Corrosion/Irritation

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Serious Eye Damage/Irritation

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Respiratory or Skin Sensitization

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Carcinogenicity

Assessment:

May cause cancer.

Product Data: No data available.

Substance Data:

Name	Species	Result
Distillates (petroleum), hydrotreated heavy paraffinic		May cause cancer.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based		May cause cancer. Insufficiently refined lubricant base oils may be carcinogenic to the skin. Insufficiently refined based oils, containing $\geq 3\%$ DMSO extract as measured by IP346, should be classified as a carcinogen. The carcinogen classification does not apply to sufficiently refined base oils, containing $\leq 3\%$ DMSO extract as measured by IP346.
Hydrotreated Neutral Oil-Based C15-C30	Rat	May cause cancer via dermal route affecting the skin.
Distillates (petroleum), solvent-dewaxed light paraffinic		May cause cancer. Insufficiently refined lubricant base oils may be carcinogenic to the skin. Insufficiently refined based oils, containing $\geq 3\%$ DMSO extract as measured by IP346, should be classified as a carcinogen. The carcinogen classification does not apply to sufficiently refined base oils, containing $\leq 3\%$ DMSO extract as measured by IP346.
Distillates (petroleum), solvent-dewaxed heavy paraffinic		May cause cancer. Animals exposed to high levels of some petroleum products have developed liver and kidney tumors. Occupationally exposed people in the petroleum refining industry have an increased risk of skin cancer and leukemia.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 10 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Name	Species	Result
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified		May cause cancer. Insufficiently refined other lubricant base oils with IP 346 \geq 3% produce tumours when tested in mouse dermal application tests.

International Agency for Research on Cancer (IARC):

Name	Classification
Dec-1-ene, homopolymer, hydrogenated	Not Applicable
Distillates (petroleum), hydrotreated heavy paraffinic	Not Applicable
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Not Applicable
Hydrotreated Neutral Oil-Based C15-C30	Group 3
Distillates (petroleum), solvent-dewaxed light paraffinic	Not Applicable
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Not Applicable
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	Group 3

National Toxicology Program (NTP):

Name	Classification
Dec-1-ene, homopolymer, hydrogenated	Not Applicable
Distillates (petroleum), hydrotreated heavy paraffinic	Not Applicable
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Not Applicable
Hydrotreated Neutral Oil-Based C15-C30	Not Applicable
Distillates (petroleum), solvent-dewaxed light paraffinic	Not Applicable
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Not Applicable
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	Not Applicable

OSHA Carcinogens: Not applicable

Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 11 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Reproductive Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Aspiration toxicity

Assessment:

May be fatal if swallowed and enters airways.

Product Data:

No data available.

Substance Data:

Name	Result
Dec-1-ene, homopolymer, hydrogenated	May be fatal if swallowed and enters airways.
Distillates (petroleum), hydrotreated heavy paraffinic	May be fatal if swallowed and enters airways.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	May be fatal if swallowed and enters airways.
Hydrotreated Neutral Oil-Based C15-C30	May be fatal if swallowed and enters airways.
Distillates (petroleum), solvent-dewaxed light paraffinic	May be fatal if swallowed and enters airways.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	May be fatal if swallowed and enters airways.

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 12 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Name	Result
Dec-1-ene, homopolymer, hydrogenated	Aquatic Invertebrates LC50 Daphnia magna: > 130 mg/L (48 h)
	Aquatic Plants EC50 <i>S. capricornutum</i> : > 1000 mg/L (72 hr)
	Bacteria EC50 <i>Pseudomonas putida</i> : > 10000 mg/L (16 hr)
Distillates (petroleum), hydrotreated heavy paraffinic	Fish LC50 <i>Pimephales promelas</i> : > 100 mg/L (96 hr [LL50 - mortality])
	Aquatic Invertebrates EC50 Daphnia magna: > 10000 mg/L (48 hr [EL50 - mobility])
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Aquatic Invertebrates EC50 Daphnia magna: >10000 mg/L (48 hr)
Hydrotreated Neutral Oil-Based C15-C30	Fish LC50 <i>Pimephales promelas</i> : > 100 mg/L (96 hr [mortality] LL50)
Distillates (petroleum), solvent-dewaxed light paraffinic	Fish LC50 <i>Pimephales promelas</i> : >100 mg/L (96 hr [LL50 - mortality])
	Aquatic Invertebrates EC50 Daphnia magna: >10000 mg/L (48 hr [EL50 - mobility])
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Fish LC50 <i>Pimephales promelas</i> : > 100 mg/L (96 hr [LL50 - mortality])
	Aquatic Invertebrates EC50 Daphnia magna: > 10000 mg/L (48 hr [EL50 - mobility])
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	Aquatic Invertebrates EC50 Daphnia magna: >10,000 mg/L (48 hr [mobility])

Chronic (Long-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Distillates (petroleum), hydrotreated heavy paraffinic	Aquatic Invertebrates NOEC Daphnia magna: 10 mg/L (21 d [NOEL - reproduction])
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Aquatic Invertebrates EC50 Daphnia magna: >1000 mg/L (21 days)
Hydrotreated Neutral Oil-Based C15-C30	Aquatic Invertebrates NOEC Daphnia magna: > 1000 mg/L (21 d [reproduction] NOEL)
	Aquatic Plants NOEC <i>Pseudokirchneriella subcapitata</i> : >= 100 mg/L (72 hr [growth rate] NOEL)
Distillates (petroleum), solvent-dewaxed light paraffinic	Aquatic Invertebrates NOEC Daphnia magna: 10 mg/L (21 d [NOEL - reproduction])
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Aquatic Invertebrates NOEC Daphnia magna: 10 mg/L (21 d [NOEL - reproduction])
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	Aquatic Invertebrates EC50 Daphnia magna: >1000 mg/L (21 d [immobilization])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 13 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Name	Result
Dec-1-ene, homopolymer, hydrogenated	Substance is expected to be inherently biodegradable (0-100% degradation observed in various 28-day studies).
Distillates (petroleum), hydrotreated heavy paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	The substance is inherently biodegradable.
Hydrotreated Neutral Oil-Based C15-C30	Standard biodegradability studies are not applicable to petroleum UVCB substances.
Distillates (petroleum), solvent-dewaxed light paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Dec-1-ene, homopolymer, hydrogenated	Accumulation in organisms is not to be expected (estimated BCF: < 2000 L/kg).
Distillates (petroleum), hydrotreated heavy paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.
Hydrotreated Neutral Oil-Based C15-C30	Standard bioaccumulation studies are not applicable to petroleum UVCB substances.
Distillates (petroleum), solvent-dewaxed light paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Dec-1-ene, homopolymer, hydrogenated	Expected to adsorb strongly to soils and sediment (calculated log Koc is > 6.2).
Distillates (petroleum), hydrotreated heavy paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.
Hydrotreated Neutral Oil-Based C15-C30	Standard adsorption/desorption studies are not applicable to petroleum UVCB substances.
Distillates (petroleum), solvent-dewaxed light paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 14 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Name	Result
Distillates (petroleum), solvent-dewaxed heavy paraffinic	This substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

Dec-1-ene, homopolymer, hydrogenated	The substance is not PBT.
Distillates (petroleum), hydrotreated heavy paraffinic	This substance is a UVCB. This substance does not contain constituents included in the SVHC candidate list as PBT at concentrations above 0.1%.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	The substance is not PBT.
Hydrotreated Neutral Oil-Based C15-C30	This substance is not PBT.
Distillates (petroleum), solvent-dewaxed light paraffinic	This substance is a UVCB and does not contain constituents included in the SVHC candidate list as PBT at concentrations above 0.1%.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	This substance is a UVCB and does not contain constituents included in the SVHC candidate list as PBT at concentrations above 0.1%.
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	The substance is not PBT.

vPvB assessment:

Dec-1-ene, homopolymer, hydrogenated	The substance is not vPvB.
Distillates (petroleum), hydrotreated heavy paraffinic	This substance is a UVCB. This substance does not contain constituents included in the SVHC candidate list as vPvB at concentrations above 0.1%.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	The substance is not vPvB.
Hydrotreated Neutral Oil-Based C15-C30	This substance is not vPvB.
Distillates (petroleum), solvent-dewaxed light paraffinic	This substance is a UVCB and does not contain constituents included in the SVHC candidate list as vPvB at concentrations above 0.1%.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	This substance is a UVCB and does not contain constituents included in the SVHC candidate list as vPvB at concentrations above 0.1%.
Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	The substance is not vPvB.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 15 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory agencies. Dispose of in accordance with all applicable local, regional, state and federal regulations.

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals: None of the ingredients are listed.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.27.2022

Page 16 of 16

Revision date: 02.02.2023

DuraMAX XLT Euro 0W-40 ACEA A3/B4

CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	Listed
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic	Listed
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	Listed
64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	Listed

New Jersey Right to Know:

64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	Listed
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic	Listed
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	Listed
64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	Listed

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know:

64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	Listed
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic	Listed
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	Listed
64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy Baseoil - unspecified	Listed

California Proposition 65: None of the ingredients are listed.

Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 0-0-0

HMIS: 0-0-0

Initial Preparation Date: 08.27.2022

Revision date: 02.02.2023

End of Safety Data Sheet