

HMIS	
Health Hazard	0
Fire Hazard	1
Reactivity	0

This SDS Is in accordance with US 2012 OSHA Hazard Communication Standard (29 CFR1910.1200) or the Canadian Workplace Hazardous Material Information System (WHMIS 2015)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name **TRIAX Euro LX 0W-40 / TRIAX Euro LX 5W-40**
TRIAX Euro VX 5W-30 / TRIAX Euro VX 5W-40

Recommended Use Gasoline Engine Oil

Manufactured by:
TRIAX LLC
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Emergency Telephone Number
CHEMTREC
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2. HAZARDS IDENTIFICATION

Emergency Overview

Classification

This product is **not considered hazardous** by either the US 2012 OSHA Hazard Communication Standard (29 CFR1910.1200) or the Canadian Workplace Hazardous Material Information System (WHMIS 2015.

Appearance Clear light yellow liquid **Physical State** liquid **Odor** Petroleum odor

Potential Health Effects

Principal Routes of Exposure Eye contact, Skin contact, Inhalation, Ingestion

Acute Toxicity

Eyes Eye contact may result in slight irritation and redness.
Skin Substance minimally irritating upon direct contact.
Inhalation Low hazard at standard temperatures and pressures. Inhalation of oil mist or fumes can cause irritation of the nose, throat and upper respiratory tract
Ingestion Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Other On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. This condition is usually asymptomatic as a result of repeated small aspirations.

Chronic Effects Prolonged exposure may cause chronic effects.

Aggravated Medical Conditions Personnel with pre-existing skin disorders should avoid contact with this product.

Environmental Hazard See Section 12 for additional Ecological Information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Formula Mixture

Chemical Name	CAS-No	Weight %
Lubricant Base Oil (Petroleum and Polyalphaolephins) Highly refined synthetic base oils	Mixture	70-80%
Engine Oil Additive Mixture	Proprietary and Confidential*	10-20%
Anti-Wear additive mixture	Proprietary and Confidential*	5-10%

This product does not contain known hazardous materials at the ≥ 1% level or known carcinogens at the ≥ 0.1% level as defined by 29 CFR 1910.1200.

* Exact % of composition is being withheld as a trade secret.

4. FIRST-AID MEASURES

Eye Contact Flush with large amounts of water for 15 minutes. Get medical attention if eye irritation develops or persists. If material is hot, treat for thermal burns and take victim to the hospital immediately.

Skin Contact Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention immediately if skin discoloration occurs.

Inhalation This material is not expected to present an inhalation exposure at ambient conditions.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention or advice.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties NOT FLAMMABLE

Flash Point 230 °C / 446 °F

Suitable Extinguishing Media Water fog, Foam, CO_2, dry chemical

Unsuitable Extinguishing Media Not Available

Hazardous Combustion Products Not Available

Explosion Data

Sensitivity to Mechanical Impact Not sensitive
Sensitivity to Static Discharge Not sensitive

Protective Equipment and Precautions for Firefighters	Wear positive pressure self-contained breathing apparatus (SCBA). Use water to cool containers exposed to flames. Structural firefighters' protective clothing will only provide limited protection. Mist or sprays may be flammable below the product normal flash point.

NFPA	**Health Hazard**	0	**Flammability**	1	**Stability**	0	**Physical and Chemical Hazards**	-

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. If spilled, take caution, as material can cause surfaces to become very slippery.
Methods for Containment	Dike far ahead of liquid spill for later disposal.
Methods for Cleaning Up	Pick up free liquid for recycle and/or disposal. Residual liquid and/or solid can be absorbed on inert material.
Evacuation Procedures	
Large Spill	Consider initial downwind evacuate for at least 300 meters (1000 feet).
Fire	If tank, rail car or tank car is involved in a fire, isolate for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions.
Reporting Requirements	Spills that enter a water body must be reported immediately to the USEPA's National Response Center at (800)424-8802. Check with your local and state regulators regarding their reporting requirements.

7. HANDLING AND STORAGE

Handling	Do not pressure, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode. See NFPA 30 and OSHA 1910.106 – flammable and combustible liquids.
Storage	Store away from heat, sparks, open flame, or strong oxidizing agents in closed and properly labeled containers. Empty containers retain product residue (liquid, and/or vapor) and can be dangerous

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Lubricant Base Oil (Petroleum) Highly refined synthetic oils	5 mg/m3 8 hour(s). Form: Mist	5 mg/m3 8 hour(s). Form: Mist	2,500 mg/m3
Detergent/Inhibitor System Mixture		5 mg/m3 8 hour(s). Form: Mist	

Engineering Measures	Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended limits.

Personal Protective Equipment

Eye/Face Protection	Safety glasses or face shield where splashing is possible. Full face-shield to be worn during emergencies.
Skin and Body Protection	As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.
Respiratory Protection	Not normally needed. During emergencies wear respirator.

Hygiene Measures Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear light yellow liquid	**Odor**	Mild Petroleum Oder
Physical State	Liquid	**pH**	N/A
Flash Point	230 °C / 446 °F	**Autoignition Temperature**	>315°C /600°F
Boiling Point/Range	No data	**Freezing Point**	<-50°C /-58°F
Explosion Limits	N/A	**Flammability Limits in Air**	N/A
Specific Gravity	0.86 – 0.88	**Solubility**	Negligible
Evaporation Rate	N/A	**Vapor Pressure**	<0.01
Vapor Density	Not Determined	**Density**	N/A

10. STABILITY AND REACTIVITY

Stability	STABLE under recommended storage conditions and room temperature.
Incompatible Products	Open Flame and strong oxidizing agents.
Conditions to Avoid	Heat, flames, and sparks.
Hazardous Decomposition Products	Combustion products may include smoke, fumes, oxides of phosphorus, boron, sulfur, nitrogen, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.
Hazardous Polymerization	None under normal processing.

11. TOXICOLOGICAL INFORMATION

THIS PRODUCT IS NON-HAZ FOR STORAGE AND TRANSPORTATION

Product Information Test on similar materials show a low order of acute oral and dermal toxicity.

Acute Oral Effects	Test on similar materials indicates low order of acute toxicity.
Acute Inhalation Effects	Low acute toxicity expected on inhalation.
Skin Effects	Practically non-toxic if absorbed. Other similar highly refined products have not shown skin tumors in mouse skin painting studies.
Eye Irritation	Minimal irritation on contact. Eye irritation slightly or practically non-irritating base on similar products.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Lubricant Base Oil (Petroleum) Highly refined synthetic oils	Not Available	Not Available	Not Available

Chronic Toxicity

Chronic Toxicity Prolonged exposure may cause chronic effects. On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. This condition is usually asymptomatic as a result of repeated small aspirations.

Carcinogenicity Not considered a potential carcinogen base on IP346 DMSO of less than 3.0 wt%

Target Organ Effects Respiratory system, Eyes, Skin,

Genotoxicity This product is considered non-mutagenic and has negative potential for tumor development based on from Modified Ames Assay, with Mutagenic Index of less than 1.0.

12. ECOLOGICAL INFORMATION

Ecotoxicity If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Lubricant Base Oil (Petroleum) Highly refined SYNTHETIC base oils	Not Available	Not Available	Not Available	Not Available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations. Keep this product out of sewers and waterways.

Contaminated Packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
	X	X	X	X	X	X	X	X

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act
If spilled into navigable waters it is reportable to National Response Center, 800-424-8802. Reportable Quantity = Oil Sheen present on navigable water surface. (40 CFR 116; 401.15)
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.
Florida
No listed ingredients are present
Massachusetts RTK
No listed ingredients are present
Minnesota RTK
No listed ingredients are present
New Jersey RTK
Lists petroleum oil, but this product does not contain hazardous ingredients.
Pennsylvania RTK
Lists petroleum oil, but this product does not contain hazardous ingredients greater than 3%.
Illinois DOL TSL
No listed ingredients are present

International Regulations

Mexico – Grade No information available.

Canada	Not listed on the Canadian Controlled Product Ingredient Disclosure and is compliant with Controlled Products Regulation
CONEG Metals	Since cadmium, chromium, lead, and mercury are not detectable and it does not exceed 100ppm total in this product, it is compliant with CONEG Metals regulation.
EEC (Europe)	This product is not known to be a dangerous good internationally. Hazard Label None Danger Symbol None

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Prepared By	TRIAX, LLC
Revision Date	October 2026
Revision Note	None

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as 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 material or in any process, unless specified in the text.

End MSDS