



HMIS

Health Hazard	1
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 Power 2-Stroke
Recommended Use	2 Cycle Engine oil
Manufactured by:	TRIAX LLC 751 Port America, Suite 810. Grapevine, TX 76051 Phone: 214-897-6533
Emergency Telephone Number	CHEMTREC 1 (800) 424-9300 International: +011(703) 527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

Classification

This product is **considered hazardous** by either the US 2012 OSHA Hazard Communication Standard (29 CFR1910.1200) or the Canadian Workplace Hazardous Material Information System (WHMIS 2015).

Classification of the substance or mixture

SKIN CORROSION/IRRITATION	Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION	Category 2A

Appearance	Yellow liquid	Physical State	liquid	Odor	Mild Petroleum odor
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Hazard pictograms



Signal word Warning

Hazard statements Causes serious eye irritation
Causes skin irritation.

Precautionary statements

Prevention Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling.

Response IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage Not applicable.

Disposal Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Formula Mixture

Chemical Name	CAS-No	Weight %
Lubricant Base Oil (Petroleum) Highly refined synthetic oil	Mixture	60-90%
Ester additive	Proprietary and Confidential*	10-30%

This product does not contain known hazardous materials at the $\geq 1\%$ level or known carcinogens at the $\geq 0.1\%$ 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 Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Maintain an open airway. Get medical attention if symptoms occur.

Ingestion Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties NOT FLAMMABLE

Flash Point $>400^{\circ}\text{F}$

Suitable Extinguishing Media Use an extinguishing agent suitable for the surrounding fire.



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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

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

NFPA

**Health
Hazard**

1

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
Fire**

Consider initial downwind evacuate for at least 300 meters (1000 feet). 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

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Avoid contact with used product. Do not reuse container.

Storage

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. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Occupational exposure limits

Under conditions which may generate mists, the following additional exposure limits are recommended: ACGIH TLV TWA: 5 mg/m³ ; STEL: 10 mg/m³.

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 eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Hand Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection

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.

Respiratory Protection

Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow liquid	Odor	Mild Petroleum Oder
Physical State	Liquid	pH	N/A
Flash Point	>200 °F	Autoignition Temperature	N/A
Boiling Point/Range	No data	Freezing Point	<-51°C /-60°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

Reactive or incompatible with the following materials: oxidizing materials.

Conditions to Avoid

No specific data.

Hazardous Decomposition Products

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

Hazardous Polymerization

None under normal processing.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity There is no data available.
Irritation/Corrosion There is no data available.
Sensitization There is no data available.

Carcinogenicity

Classification

Chemical name	OSHA	IARC	NTP	ACGIH	EPA	NIOSH
Solvent mixture	-	-	-	A3	-	-

Specific target organ toxicity (single exposure) There is no data available.

Specific target organ toxicity (repeated exposure) There is no data available.

Aspiration hazard

Name	Result
Solvent naphtha, medium aliph.	ASPIRATION HAZARD - Category 1
Distillates, hydrotreated middle	ASPIRATION HAZARD - Category 1

Eye contact

Causes serious eye irritation

Inhalation

No known significant effects or critical hazards.

Skin contact

Causes skin irritation.

Ingestion

Irritating to mouth, throat and stomach.

12. ECOLOGICAL INFORMATION

Toxicity

There is no data available.

Persistence and degradability

There is no data available.

Bioaccumulative potential

There is no data available.

Mobility in soil

Soil/water partition coefficient (KOC)

There is no data available.

Other adverse effects

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Disposal Method

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities

with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

United States inventory (TSCA 8b)
Clean Water Act (CWA) 307
Clean Water Act (CWA) 311

I components are listed or exempted.
Ethylbenzene
Xylene; Ethylbenzene

SARA 302/304
SARA 304 RQ
SARA 311/312
Classification

No products were found.
Not applicable

Fire hazard
Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed(chronic) Health hazard
Synthetic Ester	10 - 30	No	No	No	Yes	No
Solvent naphtha, medium aliph.	10 - 30	Yes	No	No	No	No

U.S. State Regulations

California Proposition 65

This product contains less than 0.1% of a chemical known to the State of California to cause cancer

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Ethylbenzene	Yes	No	41 µg/day (ingestion) 54 µg/day (inhalation)	No



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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

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	March 11, 2024
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