



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 Hydro-Boost
Recommended Use	Additive for hydraulic 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 **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	Mild Petroleum
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Potential Health Effects

Acute Toxicity

Eyes	No significant effects or critical hazards.
Skin	No significant effects or critical hazards.
Inhalation	No significant effects or critical hazards.
Ingestion	No significant effects or critical hazards.

Environmental Hazard See Section 12 for additional Ecological Information.

Other hazards None known

3. COMPOSITION / INFORMATION ON INGREDIENTS

Formula Mixture

Chemical Name	CAS-No	Weight %
Petroleum mixture	Mixture	60-80%
Supplier Trade Secret	Mixture	10-20%

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

Chemical Additions The classification as a carcinogen does not apply as it can be shown that the substance(s) contain(s) less than 3% DMSO extract as measured by IP 346.

4. FIRST-AID MEASURES

Eye Contact Flush with large amounts of water for 15 minutes.

Skin Contact Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes.

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

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Use of water spray when fighting fire may be inefficient.

Hazardous Combustion Products Normal combustion forms carbon dioxide and water vapor, and may produce oxides of carbon, sulfur hydrogen chloride and nitrogen. Incomplete combustion can produce carbon monoxide.

Specific hazards arising from the chemical No information available.

Explosion Data

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

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Clean contaminated surface thoroughly. After cleaning, flush away traces with water
Other information	Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Ensure adequate ventilation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum mixture	5 mg/m ³ 8 hour(s). Form: Mist	5 mg/m ³ 8 hour(s). Form: Mist	2,500 mg/m ³

Engineering controls	Ensure adequate ventilation, especially in confined areas.
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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 Hand protection	If there is a risk of contact: Wear suitable protective clothing. If there is a risk of contact: Wear suitable gloves.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Environmental exposure controls	Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.
General hygiene considerations	Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear light yellow	Odor	Mild petroleum odor
Physical State	Liquid	pH	N/A
Flash Point	>370 °F	Autoignition Temperature	N/A
Boiling Point/Range	No data	Freezing Point	<-40°C /°F
Explosion Limits	N/A	Flammability Limits in Air	N/A
Specific Gravity	0.86-0.88	Solubility	N/A
Evaporation Rate	N/A	Vapor Pressure	N/A
Vapor Density	Not Determined	Density	N/A

10. STABILITY AND REACTIVITY

Stability	STABLE under recommended storage conditions and room temperature.
Incompatible Products	None known based on information supplied.
Conditions to Avoid	None known based on information supplied.
Hazardous Decomposition Products	Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
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.
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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 Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Petroleum mixture	Not available	Not available	Not available	Not available
Supplier trade secret	Not available	Not available	Not available	Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated Packaging Do not reuse empty containers.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories
Contact supplier for inventory compliance status

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.



SAFETY DATA SHEET - SDS

SDS Number: 15050

Revision Date: June 24, 2024

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

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

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

No information available

Canada

Not listed on the Canadian Controlled Product Ingredient Disclosure and is compliant with Controlled Products Regulation



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16. OTHER INFORMATION

Prepared By TRIAX, LLC
Revision Date June 24, 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