

Tribodyne® Tri-Guard™ 2100P Compressor Oil

According to Federal Register / Vol. 77, No. 58 / Tuesday, December 29, 2015 / Rules and Regulations / Date of issue: 12/01/2021 Version: 3.0

SECTION 1: Identification

- 1.1. Identification**
 Product Form : Mixture
 Product Name : Tribodyne® Tri-Guard™ 2100 Piston Synthetic Diester Compressor Oil
- 1.2. Recommended use and restrictions on use**
 Recommended use : Lubricant
 Restrictions on use : No additional information available
- 1.3. Supplier**
 Tribodyne, Inc.
 P.O. Box 117
 Mooresville, NC
 (704)-266-3577
www.tribodyne.com
- 1.4. Emergency telephone number**
 Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazard(s) Identification

- 2.1 Classification of the substance or mixture**
GHS-US classification
 Skin Sens. 1 H317 May cause an allergic skin reaction.
 Repr. 2 H361 Suspected of damaging fertility or the unborn child.
- 2.2 GHS Label elements, including precautionary statements.**
GHS US Labeling
 Hazard Pictograms (GHS US) Non-regulated material
- Signal Word** Non-regulated material
Hazard Statements Non-regulated material
- 2.3 Other hazards not otherwise classified.**
 No additional information available
- 2.4 Unknown acute toxicity**
 Not applicable

SECTION 3: Composition/Information on Ingredients

Substance/mixture: Mixture

<u>Components Name</u>	<u>CAS number</u>	<u>Weight %</u>
Lubricating oils (petroleum)	Non-regulated material	90 – 95
Additive	Trade Secret	Trade Secret **

** The exact percentage of composition has been withheld as a trade secret.

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SECTION 4: First-Aid Measures

4.1. Description of first aid measures

First-aid measures general	No special measures required
First-aid measures after inhalation	If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	Generally, the product does not irritate the skin.
First-aid measures after eye contact	Rinse opened eye for several minutes under running water.
First-aid measures after ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Treat symptomatically.

4.2. Most important symptoms and effects (acute and delayed)

No Further relevant information available.

4.3. Immediate medical attention and special treatment, if necessary

No Further relevant information available.

SECTION 5: Fire-fighting Measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	CO ₂ or Powder. Water mist to cool. Collect spillage.
Unsuitable extinguishing media	No direct water spray.

5.2. Specific hazards arising from the chemical

No Further relevant information available.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self-contained breathing apparatus. Wear fire/flammable resistant/retardant clothing.
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SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment, and emergency procedures

General measures	Not required.
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6.2. Environmental precautions

No specific measures required.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations.

6.4. Reference to other sections

Section 7 for information on safe handling
Section 8 for information on personal protection equipment.
Section 13 for disposal information.

SECTION 7: Handling & Storage

7.1. Precautions for safe handling

Precautions for safe handling	No special measures required.
Information about protection against explosions and fires	No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	No special measures required.
Incompatible products	No special measures required.
Incompatible materials	No special measures required.

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SECTION 8: Exposure Controls/Personal Protection

8.1. Additional information about design of technical system

No further data; see section 7

8.2. Control parameters

Components with occupational exposure limits The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information No additional information.

8.3. Individual protection measures/Personal protective equipment

General Protective and hygienic measures The usual precautionary measures for handling chemicals should be followed.

Respiratory Protection Normally not necessary.

Respirator Type(s) If mist is generated, wear an approved organic vapor respirator suitable for oil mist areas with sufficient oxygen.

Eye Protection Normally not required, chemical goggles if splashing is likely or high-pressure systems are used.

Skin Protection Normally not required, for direct contact of more than 2 hours.

Gloves PVC, Viton, and Nitrile gloves are recommended.

SECTION 9: Physical & Chemical Properties

Information on basic physical and chemical properties

Appearance

Physical state	Liquid
Colour	Slight yellow tint
Odour	Hydrocarbon
Odour threshold	No data available
pH	No data available

Change in Condition

Melting point	No data available
Freezing point	No data available
Boiling point	>570°F (>298°C)
Flash point	>430°F (>221°C) D92
Flammability (solid, gas)	Non-flammable.

Ignition Temperature

Decomposition temperature	No data available
Auto-ignition temperature	No data available
Danger of Explosion	No data available

Explosion Limits

Vapour pressure	No data available
Relative vapour density at 20 °C	<0.003 kPa
Relative density	No data available
Solubility in/Miscibility with water	No data available
Log Pow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Explosive limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Viscosity

Viscosity, kinematic	105 mm ² /s @ 40°C
Viscosity, dynamic	No data available
Organic solvents	0.00%

9.2 Other information

No additional information available

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SECTION 10: Stability & Reactivity

10.1.	Reactivity	No further relevant information available.
10.2.	Chemical stability	Stable under normal conditions.
10.3.	Possibility of hazardous reactions	No dangerous reactions known.
10.4.	Conditions to avoid	No further relevant information available.
10.5.	Incompatible materials	No further relevant information available.
10.6.	Hazardous decomposition products	No dangerous decomposition products known.

SECTION 11: Toxicology Information

11.1. Information on toxicological effects

Acute toxicity (eye)	No irritating effect.
Acute toxicity (dermal)	No irritating effect.
Additional toxicological information	The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
Skin corrosion/irritation	No irritating effect.
Serious eye damage/irritation	No irritating effect.
Respiratory or skin sensitization	No irritating effect.

SECTION 12: Ecological information

12.1. Toxicity	No Data is available on this product.
12.2. Persistence and degradability	No further relevant information available.
12.3. Bio accumulative potential	No further relevant information available.
12.4. Mobility in soil	No further relevant information available.
12.5. Other adverse effects	
Other information	Generally not hazardous for water.

SECTION 13: Disposal Considerations

13.1. Disposal methods	
Sewage disposal recommendations	Small quantities can be disposed of with household waste. Recycle or dispose with household trash.
Waste disposal recommendations	Dispose of it in a safe manner in accordance with local/national regulations.

SECTION 14: Transport Information

UN-Number	
DOT, ADN, IMDG, IATA	Non-regulated material
ADR	Non-regulated material
UN proper shipping name	
DOT, ADR, ADN, IMDG, IATA	Non-regulated material
Transport hazard class(es)	
DOT, ADR, ADN, IMDG, IATA Class	Non-regulated material
Packing group	
DOT, ADR, IMDG, IATA	Non-regulated material
Environmental hazards	
Marine Pollutant	No
Special Precautions for users	Not applicable
Transportation in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

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SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

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Section 355 (extremely hazardous substances)	None of the ingredients are listed
Section 313 (Specific toxic chemical listings)	None of the ingredients are listed
TSCA (Toxic Substances Control Act)	All components are either listed or not regulated under TSCA Carcinogenic categories
EPA (Environmental Protection Agency)	None of the ingredients are listed
TLV (Threshold Limit Value established by ACGIH)	None of the ingredients are listed
NIOSH-Ca (National Institute for Occupational Safety and Health)	None of the ingredients are listed
GHS label elements	Non-regulated material
Hazard pictograms	Non-regulated material
Signal word	Non-regulated material
Hazard statements	Non-regulated material
National regulations	Non-regulated material
State Right to Know	Non-regulated material
Chemical safety assessment	A Chemical Safety Assessment has not been carried out.

SECTION 16: Regulatory Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create a warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.

Date of preparation / last revision 08/04/2023 / 1

Abbreviations and acronyms DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)

NFPA Ratings:

Health: 0 Materials that on exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
Fire: 1 Materials that must be preheated before ignition can occur
Reactivity: 0 Normally stable, even under fire exposure conditions and not reactive with water.

KEY: 0 - Least
1 - Slight
2 - Moderate
3 - High
4 - Extreme

