# Safety Data Sheet

Issue Date: 20-Oct-2012 Review Date: 16-Oct-2020 Version 1

1. IDENTIFICATION

**Product Identifier** 

Product Name TechSelect Full Synthetic Multi-Vehicle Automatic Transmission Fluid

**Product Codes:** 17339, TS17339, TS27339, TS57339, TS67339

Other means of identification

**SDS #** SP-019

**Synonyms** 

Recommended use of the chemical and restrictions on use

Recommended Use Hydraulic/ transmission fluid.

Details of the supplier of the safety data sheet

**Supplier Address** 

Warren Oil Company 915 E. Jefferson Ave. West Memphis, AR 72301

Manufactured for:

AIOD

P.O. BOX 1861

Montrose, CO 81402-1861

970-249-6336 www.service-pro.com

**Emergency Telephone Number** 

Company Phone Number 1-870-400-3020

Emergency Telephone (24 hr) CHEMTREC 1-800-424-9300; International 1-703-527-3887

## 2. HAZARDS IDENTIFICATION

Physical State Liquid at room temperature Odor Petroleum

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Lubricating oils, petroleum, C15-30, hydrotreated	72623-86-0	50-60
neutral oil-based		

Hallottiosion Fluid

Lubricating oils, petroleum, C20-50, hydrotreated	72623-87-1	20-30
neutral oil-based		

<sup>\*\*</sup>If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

#### 4. FIRST-AID MEASURES

#### **First Aid Measures**

Eye Contact Immediately flush eyes with running water for at least 15 minutes. If irritation occurs, call a

physician.

**Skin Contact** Remove contaminated clothing and shoes. Wash contaminated area thoroughly with soap

and water. If redness or irritation occurs and persists, seek medical attention. WARNING: Oil injected into the skin from high pressure leaking hydraulic systems can cause severe damage. Most damage occurs during the first few hours. Seek medical attention

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immediately. Surgical removal of oil may be necessary.

**Inhalation** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a poison

center or doctor/physician if you feel unwell.

Ingestion If swallowed, DO NOT induce vomiting because of danger of aspirating liquid into lungs.

Seek medical attention.

#### Most important symptoms and effects

**Symptoms**No significant adverse effects are expected upon ingestion of the product. Ingestion of this

product may cause nausea, vomiting and diarrhea. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury, possibly death. This

product is irritating to the eyes.

#### Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

#### **Suitable Extinguishing Media**

Dry chemical, foam, carbon dioxide, water fog.

Unsuitable Extinguishing Media Direct water spray or foam may cause frothing and spattering.

## **Specific Hazards Arising from the Chemical**

Product is a non-flammable hydrocarbon mixture. Liquid can burn upon heating to temperatures at or above the flash point. Mist or sprays may be flammable below the products normal flesh point.

**Hazardous Combustion Products** Upon decomposition this product may yield oxides of boron, calcium, magnesium, phosphorous, zinc, and sulfur including hydrogen sulfide and nitrogen as well as carbon monoxide, carbon dioxide and/or other low molecular weight hydrocarbons.

#### 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. Use water to cool fire-exposed containers and to protect personnel.

Transmission Fluid

## 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Personal Precautions Eliminate all sources of ignition or flammables that may come into contact with a spill of this

material. Surfaces may become slippery after spillage. Wear appropriate protective equipment and clothing during clean-up. Persons not wearing protective equipment should

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be excluded from area of spill until clean-up has been completed.

**Environmental Precautions** See Section 12 for additional Ecological Information. Do allow the spilled product to enter

public drainage systems or open water courses.

## Methods and material for containment and cleaning up

**Methods for Containment** Stop the flow of material, if this is without risk.

Methods for Clean-Up

Absorb with non-flammable suitable absorbent such as sand or earth. Scoop up used

absorbent into drums or other appropriate container.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practices. Avoid getting this

material into contact with your eyes. Avoid prolonged or repeated skin contact with this material. Avoid the generation of oil mists. Wash thoroughly after handling. Use this product

with adequate ventilation.

## Conditions for safe storage, including any incompatibilities

Storage Conditions Do not store near heat, sparks, open flame or strong oxidizing agents. Do not store this

material in open or unlabeled containers. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of

ignition; they may explode.

**Incompatible Materials**This product may react with strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure Guidelines</u> This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

## Appropriate engineering controls

spaces. If product is heated above 70 C (155 F) in the presence of water, hydrogen sulfide vapors may be released. Ventilation should be sufficient to keep hydrogen sulfide levels

below recommended exposure limits. Eye wash fountains are recommended.

## Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses. Wear chemical goggles or face shield if splash or mist occurs.

unavoidable. Excessive misting may cause slippery floors – wear appropriate footwear.

**Respiratory Protection** If mist is generated (heating, spraying) and engineering controls are not sufficient, wear

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Cleveland Open Cup

approved organic vapor respirator suitable for oil mist.

General Hygiene Considerations Use good hygiene when handling petroleum product. Launder contaminated clothing before

reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

**Physical State** Liquid at room temperature

**Appearance** Not determined Odor Petroleum Color Red **Odor Threshold** Not determined

Remarks • Method Property Values

Not available Hq

**Melting Point/Freezing Point** Not applicable/Not available

**Boiling Point/Boiling Range** Not available 176 °C / 350 °F **Flash Point** 

**Evaporation Rate** Not determined Flammability (Solid, Gas) Not determined **Upper Flammability Limits** Not available **Lower Flammability Limit** Not available **Vapor Pressure** Not available **Vapor Density** Not available

**Specific Gravity** 0.86 At 15.6°C (60°F)

**Water Solubility** Negligible Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not available **Decomposition Temperature** Not determined **Kinematic Viscosity** Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidizing Properties** Not determined

## 10. STABILITY AND REACTIVITY

#### Reactivity

Not reactive under normal conditions.

#### **Chemical Stability**

Stable under recommended storage conditions.

#### **Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization** Under normal conditions of storage and use, hazardous polymerization will not occur.

## **Conditions to Avoid**

Avoid formation of mists.

#### **Incompatible Materials**

This product may react with strong oxidizing agents.

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#### **Hazardous Decomposition Products**

Decomposition of this product may yield oxides of boron, calcium, magnesium, nitrogen, phosphorus, sulfur including hydrogen sulfide and zinc as well as carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

**Product Information** 

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

## **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Lubricating oils, petroleum, C15-30, hydrotreated neutral oil-based 72623-86-0	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based 72623-87-1	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h

#### Information on physical, chemical and toxicological effects

**Symptoms** Please see Section 4 of this SDS for symptoms.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or

potential carcinogens as listed by OSHA, IARC or NTP.

## **Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### **Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Lubricating oils, petroleum, C15-30, hydrotreated neutral		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50
oil-based 72623-86-0				

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Lubricating oils, petroleum, C20-50, hydrotreated neutral	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
oil-based 72623-87-1		

#### Persistence/Degradability

Not determined.

## **Bioaccumulation**

Not determined.

#### Mobility

Not determined

## **Other Adverse Effects**

Not determined

## 13. DISPOSAL CONSIDERATIONS

#### **Waste Treatment Methods**

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

## 14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

**DOT** Not regulated

IATA Not regulated

<u>IMDG</u> Not regulated

## 15. REGULATORY INFORMATION

## **International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Lubricating oils, petroleum, C15-30, hydrotreated neutral oil-based	Present	X		Present		Present	X	Present	X	Х
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	Present	X		Present		Present	X	Present	X	X

## Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances **IECSC** - China Inventory of Existing Chemical Substances

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KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **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).

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#### 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

#### **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

#### **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)

#### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

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## **Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

**End of Safety Data Sheet**