Safety Data Sheet

Petra Universal Synthetic CVT Fluid P/N 53055

HMIS Ratings	
Health	1
Flammability	1
Reactivity	0
Protection	A

Section 1: Identification

Product Name: Petra Universal CVT Fluid

Product Use: Synthetic Automotive Transmission Fluid

Restrictions on Use: For automotive use only. Not recommended for VW/Audi, Ford CVT-30, or Toyota Hybrid CVT.

Manufactured By: Petra Oil Company
11085 Regency Green Drive
Cypress, Texas 77429

Phone Number: (713) 856-5700

Fax Number: (713) 856-5712

Emergency Phone: CHEMTREC
1-800-424-9300
For International Calls:
(703) 527-3887

Section 2: Hazard Identification

Hazard Class: None

Signal Word(s): N/A

Hazard Statement: None required.

Pictogram Classes: N/A

Precautionary Measures: N/A

Miscellaneous Hazards: N/A

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (Wgt.%)
Lubricant Base Oil (Petroleum)	Mixture	>70

Trade Secret	Proprietary Mixture	<20
Non-hazardous and other ingredients below reportable levels	Proprietary	<10

Note: Base Oil is a mixture of some combination of the following 21 refined petroleum distillates, identified by CAS number: 64741-88-4, 64742-01-4, 64742-54-7, 64742-65-0, 64742-47-8, 8042-47-5, 64742-46-7, 64742-52-5, 64742-54-7, 72623-84-8, 72623-85-9, 72623-86-0, 72623-87-1, 8042-47-5, 178603-63-9, 178603-64-0, 178603-65-1, 178603-66-2, 68037-01-4, 151006-63-2, 445411-73-4.

Section 4: First Aid Measures

Skin Contact Wash affected area with mild soap and water. If irritation persists, seek medical advice.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses if present/able. Continue rinsing. If eye irritation persists, get medical advice/attention.

Inhalation Move person to fresh air.

Ingestion If the material is swallowed, get immediate medical attention or advice – Do not induce vomiting.

Notes for Immediate Care / Physician N/A

Section 5: Fire Fighting Measures

Hazardous Combustion Products:
Carbon monoxide and carbon dioxide.

Extinguishing Media:
Dry chemical (preferred), alcohol foam, water fog, carbon dioxide..

General Fire Hazards:
If ignited, treat as grease fire. Do not use water jet, as force will spread the burning liquid. Material will float and reignite on surface of water.

Fire Fighting Equipment and Instructions:
Firefighters should wear full protective gear.

Section 6: Accidental Release Measures

Personal Protection/PPE:
None normally required. If desired, wear safety glasses or goggles to avoid eye contact.

Emergency Procedures:
Clean up promptly.

Containment Procedures:
Stop the flow of material, if this is without risk. Dike the spilled material where possible. Absorb with inert absorbent such as dry clay, sand, diatomaceous earth, commercial sorbents, or recover using pumps.

Cleanup Procedures:
Absorb spill with inert material. Shovel material into appropriate container for disposal.

Section 7: Handling and Storage

Handling Procedures:
Avoid skin, eye, or clothing contact with this material. Wash thoroughly after handling. Avoid breathing vapors or mist.

Storage Procedures:
Store container tightly closed in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

			Exposure Limits	
Chemical	**CAS Number**	**PEL-OSHA**	**TLV-ACGIH**	**Carcinogen**
Lubricant Base Oil (Petroleum)	Mixture	N/A	N/A	No
Trade Secret	Proprietary Mixture	N/A	N/A	No
Non-hazardous and other ingredients below reportable levels	Proprietary	N/A	N/A	N/A

Engineering Controls:
Use local exhaust ventilation.

Personal Protective Equipment:
Eyes/Face:
None typically needed. In case of splashing, wear safety glasses with side shields.

Skin:
None typically needed. If desired, use impervious gloves.

Respiratory:
If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

General:
Use good hygiene practices when handling this material, including changing and laundering work clothes after use.

Section 9: Physical and Chemical Properties

Appearance:	Clear green liquid
Flammability Limits:	Not determined.
Explosive Limits:	Not applicable.
Odor:	None added.
Odor Threshold:	Not available.
Vapor Density:	Not applicable.
Vapor Pressure:	Not applicable.
pH:	Not applicable.
Relative Density:	0.855
Melting Point:	Not available.
Solubility:	Negligible solubility in water.
Initial Boiling Point/Boiling Range:	Not available.
Flash Point:	>340˚F
Autoignition Temperature:	Not available.
Evaporation Rate:	Not applicable.
Partition Coefficient (n-octanol/water):	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.

Section 10: Stability and Reactivity

Reactivity:
Will react with strong oxidizing agents.

Chemical Stability:
This is a stable material.

Hazardous Decomposition:
Hazardous combustion products may include carbon monoxide, carbon dioxide, and other hydrocarbon fragments.

Hazardous Polymerization:
Will not occur.

Incompatible Materials:
Strong oxidizing agents (peroxides, chlorine, strong acids).

Conditions Leading to Hazard:
Storage with strong oxidizers. Storage in heat, near ignition source, or by open flame.

Section 11: Toxicological Information

Acute Toxicity Estimate – Oral: >5000 mg/kg
Acute Toxicity Estimate – Dermal: >5000 mg/kg
Reproductive Toxicity/Germ Cell Mutagenicity: No ingredients with positive in vivo results.
Skin/Inhalation Sensitization: No known sensitizing components.
Carcinogenicity: No carcinogenic components. Product may contain less than 0.1 ppm of trace carcinogen impurities.

Section 12: Ecological Information

Existing Structure Activity Relationship (SAR) and Experimental data on the components of this product indicate neither Acute or Chronic categorization. Bioaccumulation and other routes of aquatic contamination have insufficient data to be considered. The material may cause long-term adverse effects in the aquatic environment.

None of the components of this product are listed in the Montreal Protocol or its Amendments.

Section 13: Disposal Concerns

Dispose of waste material in accordance with Local, State, Federal, and Provincial Environmental Regulations.

Section 14: Transport Information

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

Section 15: Regulatory Information

US Federal Regulations

CERCLA/SARA – Section 313 – Emission Reporting

None.

State Regulations

California – Proposition 65 – Carcinogens List

None. Trace impurities below 0.1 ppm include:
Benzene
Toluene
Ethyl Benzene
Naphthalene
Cadmium
Lead
Arsenic

2-Naphthylamine
Trimethyl phosphate

Section 16: Other Information

Disclaimer:
NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Prepared By Technical Department