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Version 1

1. IDENTIFICATION

Product Identifier**Product Name****AUTO TRANSMISSION TEST FLUID****Other means of identification****SDS #****Item#** F-8770-55**Recommended use of the chemical and restrictions on use****Recommended Use**

Hydraulic Fluid

Details of the supplier of the safety data sheet**Supplier Address**Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041**Emergency Telephone Number****Company Phone Number**

832-399-1000

Emergency Telephone (24 hr)INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear amber liquid**Physical State** Liquid**Odor** Mild Hydro- carbon oil**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.

Hazard Symbol

None required

Signal Word

No hazardous

Hazard Statements

None required

Precautionary StatementsPREVENTION
DISPOSALP273 Store away from incompatible materials.
P501 Dispose of contents/container in accordance with local, regional, national authority requirements

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	1-20
Petroleum distillates, solvent dewaxed	64742-65-0	< 95

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

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothes and wash before use. Get medical attention if irritation develops or persists.
Inhalation	Remove from further exposure. Use adequate respiratory protection. If you feel unwell, seek medical advice.
Ingestion	Rinse mouth. Do not induce vomiting. Seek medical attention/advice.

Most important symptoms and effects

Symptoms	No significant effects or critical hazards See SECTION 11 for delayed and chronic effects.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames. DO NOT use stream of water (could cause fire to spread).
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Combustion Products/Specific Hazards	Non-flammable, but will support combustion. Under fire conditions may reduce smoke, fume, Oxides of carbon.
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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.
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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin or eyes. Avoid breathing dust/fume/gas/mist/vapors/spray See SECTION 8 for Personal Protective Equipment.
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Environmental Precautions	Prevent entry into waterways, rivers, lakes, drains, surface water, or ground water. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information.
Methods for Clean-Up	Absorb or cover with dry earth, sand or other non-combustible material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal.

7. HANDLING AND STORAGE

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. See SECTION 8 for Personal Protection. See SECTION 2 for Precaution Statements.
Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature > 40° F.
Incompatible Materials	Oxidizing agents. Strong alkalis. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate engineering controls

Engineering Controls Adequate ventilation. Maintain eye wash fountain and quick-drench facilities in work area.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side shields.
Skin and Body Protection	Chemical or oil resistant clothing is recommended.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. See SECTION 4 for First-Aid Measure

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild petroleum
Appearance	Clear	Odor Threshold	Not determined
Color	amber /light brown		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	N/A		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	> 176.66 °C / 350 °F		

Flash Point	> 400° F / 204 °C
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not determined
Upper Flammability Limits	Not determined
Lower Flammability Limit	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Specific Gravity	0.85-0.88
Water Solubility	Insoluble
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity Index	95-110
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	Hazardous polymerization will not occur
Conditions to Avoid	Heat, flame, direct sunlight
Incompatible Materials	Oxidizing agents. Strong acids. Strong bases
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions. See SECTION 5 in the event of fire

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Petroleum distillates, solvent dewaxed 64742-65-0	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-

Information on likely routes of exposure

Most Important Symptoms and Effects (Both Acute and Chronic)

Eye Contact	Direct eye contact may cause irritation..
Skin Contact	Repeated or prolonged contact may cause irritation.
Inhalation	Overexposure may be irritating to the respiratory system.
Ingestion	Ingestion is likely to be harmful or have adverse gastrointestinal effects.
Chronic Effects	No known significant effects or critical hazard

Information on physical, chemical and toxicological effects

Respiratory/Skin Sensitization	May cause an allergic skin reaction.
Carcinogenicity	Carcinogenic potential is unknown.
Germ Cell Mutagenicity	Not classified
Reproductive Toxicity	Not classified
Special Target Organ Toxicity (Single/Repeated Exposure)	Not classified

12. ECOLOGICAL INFORMATION

Component(s) Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7		> 5000: 96 h Oncorhynchus mykiss mg/L LC50		> 1000: 48 h Daphnia magna mg/L EC50
Petroleum distillates, solvent dewaxed 64742-65-0		> 5000: 96 h Oncorhynchus mykiss mg/L LC50		> 1000: 48 h Daphnia magna mg/L EC50

Ecotoxicity	Toxic to the aquatic life
Persistence/Degradability	Not determined.
Bioaccumulation	Not available
Mobility	Liquid under most environmental conditions. Float in water. If enters soil it will absorb to soil particles and will not be mobile
Other Adverse Effects	Avoid release to the environment

13. DISPOSAL CONSIDERATIONS

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

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

Legend:

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

DSL/NDL - 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

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 311/312 Hazard Categories Not classified.

U.S. State Right-to-Know Regulations

No information available

16. OTHER INFORMATION

NFPA

Health Hazards

Flammability

Instability

Special Hazards

1

0

0

Not determined

HMIS

Health Hazards

Flammability

Physical Hazards

Personal Protection

1

0

0

Not determined

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Revision Note:

New format

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.