

# MATERIAL SAFETY DATA SHEET

## QUAKER STATE DEXRON III/MERCON AUTOMATIC TRANSMISSION FLUID

### 1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 14957

Version Date: 07/17/00

**Product Name:** QUAKER STATE DEXRON III/MERCON AUTOMATIC TRANSMISSION FLUID

**Product Use:** No information available

**Synonyms:** No information available

#### Manufacturer

Pennzoil-Quaker State Company  
P.O.Box 2967  
Houston, TX 77252  
USA

#### Phone Numbers

**Medical Emergency:** 1-800-546-6040  
**CHEMTREC(USA):** 1-800-424-9300  
**CHEMTREC(International):** 1-703-527-3887  
**MSDS Assistance:** 1-800-546-6227  
**Fax On Demand:** 1-800-546-6227  
**Technical Assistance:** 1-800-458-4998  
**Customer Service:** 1-800-468-8397  
**Fax Number:** 713-217-3181  
**Internet Address:** www.MSDS.PZLQS.com

### 2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
LIGHT PARAFFINIC SOLVENT DEWAXED DISTILLATE	64742-56-9	< 90	No
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-55-8	< 90	No
HYDROTREATED HEAVY PARAFFINIC DISTILLATE	64742-54-7	< 90	No
HEAVY PARAFFINIC SOLVENT DEWAXED DISTILLATE	64742-65-0	< 90	No
SOLVENT REFINED LIGHT NAPHTHENIC PETROLEUM DISTILLATE	64741-97-5	< 90	No
DETERGENT/INHIBITOR SYSTEM	MIXTURE	10 - 15	No
DYE	MIXTURE	< 1	No

This product is **NOT HAZARDOUS** according to OSHA 29 CFR 1910.1200.

**Other:** No information available

### 3. HAZARDS IDENTIFICATION

#### Emergency and Hazards Overview

CAUTION: Repeated skin contact can cause dermatitis and defatting of the skin. Spills may create a slipping hazard.

**NFPA Ratings:** Health 1 Flammability 1 Reactivity 0

**Primary Route of Exposure:** Skin X Inhalation      Eye     

#### Health Effect Information

**Eye Contact:** This product is practically non-irritating to the eyes upon direct contact. Based on testing of similar products and/or components.

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**Skin Contact:** Avoid skin contact. This product may cause slight skin irritation upon direct contact. Based on testing of similar products and/or components. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, and reddening. Prolonged or repeated contact may result in oil acne which is characterized by blackheads with possible secondary infection. See Section 11 - Toxicological Information.

**Inhalation:** This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. The permissible exposure limit (PEL) and threshold limit value (TLV) for this product as oil mist is 5 mg/m<sup>3</sup>. Exposures below 5 mg/m<sup>3</sup> appear to be without significant health risk. The short-term exposure limit for this product as an oil mist is 10 mg/m<sup>3</sup>.

**Ingestion:** Do not ingest. This product is relatively non-toxic by ingestion. This product has laxative properties and may result in abdominal cramps and diarrhea. See Section 11 - Toxicological Information.

**Medical Conditions Aggravated by Exposure:** This condition may make the skin more susceptible to other irritants, sensitizers, and disease.

**Other:** No information available

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#### 4. FIRST AID INFORMATION

**Eye Contact:** Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If material is hot, treat for thermal burns and seek immediate medical attention.

**Skin Contact:** Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately.

**Inhalation:** This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions.

**Ingestion:** Do not induce vomiting. Seek medical attention.

**Notes to Physician:** No information available

**Other:** No information available

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#### 5. FIRE AND EXPLOSION INFORMATION

##### Flammable Properties

**Flash Point:** 350.6 F, 177 C

**Test Method:** ASTM D-92 (C.O.C.)

##### Flammable Limits in Air

**Upper Percent:** No data available

**Lower Percent:** No data available

**Autoignition Temperature:** No data available

**Test Method:** No information available

**NFPA Classification:** No information available

**Extinguishing Media:** Use dry chemical, foam, or carbon dioxide.

##### Fire Fighting Measures

**Special Fire Fighting Procedures and Equipment:** Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

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**Unusual Fire and Explosion Conditions:** Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

**Hazardous Combustion By-Products:** No information available

**Other:** No information available

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### 6. ACCIDENTAL RELEASE MEASURES

**Personnel Safeguards:** Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire and Explosion Information in Section 5, and Stability and Reactivity Information in Section 10. Remove all sources of ignition.

**Regulatory Notifications:** No information available

**Containment and Clean up:** No information available

**Other:** No information available

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### 7. HANDLING AND STORAGE INFORMATION

**Handling:** Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106--Flammable and Combustible Liquids.

**Storage:** Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials.

**Empty Container Warnings**

**Drums:** No information available

**Plastic:** No information available

**Other:** No information available

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

**Exposure Limits and Guidelines**

This product does not contain any components with OSHA or ACGIH exposure limits.

**Personal Protective Equipment**

**Eye/Face Protection:** Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

**Skin Protection:** No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.). Launder soiled clothes. Properly dispose of contaminated leather articles including shoes, which cannot be decontaminated.

**Respiratory Protection:** Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.

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**Personal Hygiene:** Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, or smoking.

### Engineering Controls / Work Practices

**Ventilation:** If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

**Other:** No information available

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Red	
<b>Odor:</b> No information available	<b>Vapor Pressure:</b> No data available
<b>Physical state:</b> Liquid	<b>Vapor Density (air=1):</b> No data available
<b>pH:</b> No data available	<b>Percent Volatile by Volume:</b> No data available
<b>Boiling Point:</b> No data available	<b>Volatile Organic Content:</b> No data available
<b>Melting Point:</b> No data available	<b>Molecular Weight:</b> No data available
<b>Specific Gravity:</b> 0.86 - 0.88	<b>Average Carbon Number:</b> No data available
<b>Pour Point:</b> -45.4 F, -43 C	<b>Viscosity @ 100 F:</b> No data available
	<b>Viscosity @ 40 C:</b> 37.6 cSt
<b>Solubility in Water:</b> No information available	
<b>Octanol / Water Coefficient: Log K<sub>ow</sub> =</b> No data available	

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## 10. STABILITY AND REACTIVITY INFORMATION

**Chemical Stability:** Stable

**Conditions to Avoid:** None

**Incompatible Materials to Avoid:** May react with strong oxidizing agents.

**Other:** No information available

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## 11. TOXICOLOGICAL INFORMATION

**Primary Eye Irritation:** No information available

**Primary Skin Irritation:** No information available

**Acute Dermal Toxicity:** No information available

**Subacute Dermal Toxicity:** No information available

**Dermal Sensitization:** No information available

**Inhalation Toxicity:** No information available

**Inhalation Sensitization:** No information available

**Oral Toxicity:** No information available

**Mutagenicity:** No information available

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**Carcinogenicity:** No information available

**Reproductive and Developmental Toxicity:** No information available

**Teratogenicity:** No information available

**Immunotoxicity:** No information available

**Neurotoxicity:** No information available

**Other:** No information available

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## 12. ECOLOGICAL INFORMATION

**Aquatic Toxicity:** No information available

**Terrestrial Toxicity:** No information available

**Chemical Fate and Transport:** No information available

**Other:** No information available

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## 13. DISPOSAL INFORMATION

**Regulatory Information:** All disposals must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Caution! If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.

**Waste Disposal Methods:** Waste material may be landfilled or incinerated at an approved facility. Materials should be recycled if possible.

**Other:** No information available

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## 14. TRANSPORTATION INFORMATION

**U.S. Department of Transportation (DOT)**

**Highway / Rail (Bulk):** Not Regulated

**Highway / Rail (Non-Bulk):** Not Regulated

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping descriptions.

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**International Information**

Vessel: IMDG Regulated: \_\_\_\_\_ IMDG Not Regulated:   X    
Air: ICAO Regulated: \_\_\_\_\_ ICAO Not Regulated:   X  

Other: No information available

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**15. Regulatory Information****Regulatory Lists Searched**

**Health & Safety:** 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 21 - USDOT Appendix B, Marine pollutants, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

**Environmental:** 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCMI, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

**International:** 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

**State Lists:** 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

**Inventories:** 80 - Canada - Domestic substances , 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA

**Search Results**

HEAVY PARAFFINIC SOLVENT DEWAXED DISTILLATE: 80, 81, 83, 84  
HYDROTREATED HEAVY PARAFFINIC DISTILLATE : 80, 81, 83, 84  
HYDROTREATED LIGHT PARAFFINIC DISTILLATE: 63, 64, 80, 81, 83, 84  
LIGHT PARAFFINIC SOLVENT DEWAXED DISTILLATE: 63, 64, 80, 81, 83, 84  
SOLVENT REFINED LIGHT NAPHTHENIC PETROLEUM DISTILLATE: 63, 64, 80, 81, 83, 84

**U.S. TSCA Inventory:** All components of this material are on the US TSCA Inventory.

**SARA Section 313:** This product is not known to contain any SARA, Title III, Section 313 Reportable Chemicals at or greater than 1.0% (0.1% for carcinogens).

**IARC Group 3:** No information available

**SARA 311 / 312 Categories**

Acute: \_\_\_\_\_ Chronic: \_\_\_\_\_ Fire: \_\_\_\_\_ Pressure: \_\_\_\_\_ Reactive: \_\_\_\_\_  
Not Regulated:   X  

**Canadian WHMIS Classification**

**Class:** No information available

**Division:** No information available

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**European Union Classification****Hazard Symbols:**

No information available

**Risk Phrases:**

No information available

**Safety Phrases:**

No information available

**Other:** No information available

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**16. OTHER INFORMATION****Health and Environmental Label Language**

CAUTION: Contains Petroleum Lubricant. Repeated skin contact can cause skin disorders.

ATTENTION: Repeated exposure to oil mist in excess of the OSHA limit (5mg/m<sup>3</sup>) can result in accumulation of oil droplets in pulmonary tissue.

PRECAUTIONARY MEASURES: Avoid excessive &amp; prolonged skin contact. Wash thoroughly after handling. Avoid generation and inhalation of oil mists.

INSTRUCTIONS IN CASE OF FIRE OR SPILL: In case of fire, use water spray, foam, dry chemical or carbon dioxide. Water spray may be ineffective, but can be used to cool containers. In case of spill, do not use water, soak up with absorbent material.

DON'T POLLUTE, CONSERVE RESOURCES, RETURN USED OIL TO COLLECTION CENTER.

**MSDS Revisions****Previous Version Date:** Not applicable, this MSDS is the first version.**Previous Version Information:** No information available**Other:** No information available**Prepared By:**

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