

Signature® Unitrac Fluid

Safety Data Sheet



SECTION 1 IDENTIFICATION

Product Name: Signature® Unitrac Fluid

Distributor Information:

Parman Energy Corporation
7101 Cockrill Bend Blvd
Nashville, TN 37209
(800) 727-7920

Product Use: Hydraulic Fluid

Emergency Phone Number:

PERS (800) 633-8253

SECTION 2 HAZARD(S) IDENTIFICATION

Classification:

Not Classified

Full text of H-phrases: See section 16

Label Elements:

GHS- US Labeling

Hazard Pictograms (GHS-US): None required

Signal Word (GHS-US): Not Hazardous

Hazard Statements (GHS-US): None Required

Precautionary Statements (GHS-US):

P273 – Avoid release to the environment

P501 – Dispose of contents/container in accordance with local, regional, national, and international regulations.

Other Hazards: The mixture consists of substances capable of producing an aspiration hazard. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure, and even death

Unknown Aquatic Toxicity (GHS-US) 9.73% of the mixture consists of ingredients of unknown toxicity.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not applicable

Components	CAS Number	Amount	Classification (GHS-US)
Petroleum distillates, solvent dewaxed	64742-65-0	75.75-95, 64 – 85	Not Classified
Heavy paraffinic, distillates, petroleum, hydrotreated heavy paraffinic	64742-54-7	01 – 11, 10 – 17	Not Classified
Phosphorodithioic acid, O, O-di-C1-14-alkylesters, zinc salts	68649-42-3	0.7 – 2.7	Aquatic Chronic 3, H402

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*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

*More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary, due to varying composition.

Full text of H-phrases: see section 16

SECTION 4 FIRST-AID MEASURES

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible)

Inhalation: Move exposed persons to fresh air. Consult medical personnel if breathing issues occur.

Skin: Remove contaminated clothing. Drench affected area with soap and plenty of water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or consult a physician.

Most Important Symptoms and Effects Both Acute and Delayed:

General: No known significant effects or critical hazards.

Skin Contact: Repeated or prolonged skin contact may cause irritation.

Eye Contact: Direct contact with the eyes is likely irritating.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: No Information Available

Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible)

SECTION 5 FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Use extinguishing media appropriate for surrounding fire

Unsuitable extinguishing media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Specific hazards arising from the chemical: Combustible material.

Fire Hazard: Not flammable but will support combustion

Explosion Hazard: Product is not explosive

Reactivity: Hazardous reactions will not occur under normal conditions.

Hazardous Combustion Products: Under fire conditions, may produce fumes, smoke, oxides of carbon and hydrocarbons.

Protection for Fire Fighters:

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

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Other Information: Refer to section 9 for flammability properties.

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment & Emergency Procedures:

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray)

For Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection

Emergency Procedures: Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters

Methods for Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections: See section 8. Exposure controls and personal protection. For further information refer to section 13

Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required

SECTION 7 HANDLING AND STORAGE

Precautionary Measures:

Additional Hazards when Processed: Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Practice good housekeeping – spillage can be slippery on smooth surface either wet or dry.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for safe storage, including any incompatibilities:

Technical Measures: Comply with applicable regulations

Storage Conditions: Store in a dry, cool, and well-ventilated place. Keep container closed when not in use. Keep/store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids, strong bases, strong oxidizers.

Specific End Use(s): Hydraulic Fluid

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian

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provincial governments, or the Mexican government

Exposure Guidelines:

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment: Protective goggles. Gloves.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves

Eye/Face Protection: Chemical goggles or safety glasses

Skin and Body Protection: Wear suitable protective clothing

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established occupational exposure limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color: Amber

Physical State: Liquid

Odor: Slight Hydrocarbon

Odor Threshold: No data available

pH: Not available

Vapor Pressure: Not available

Relative Vapor Density at 20°C: Not available

Relative Density: Not available

Initial Boiling Point: Not available

Solubility: Negligible

Melting/Freezing Point: Not available

Flash Point: 204°C /400°F

Specific Gravity: 0.85

Viscosity: Not available

Kinematic Viscosity: 50-145 @40°C mm²/s

Evaporation Rate: Not available

Decomposition temperature: Not available

Octanol/Water Partition Coefficient: Not available

Flammable Properties:

Flammability (solid, gas): Not available

Auto-ignition temperature: No data available

Explosive Properties: Product is not explosive

Explosion Data – Sensitivity to Mechanical Impact: Not expected to present an explosion hazard due to mechanical impact

Explosion Data – Sensitivity to Static Discharge: Not expected to present an explosion hazard due to static discharge.

Flammability (Explosive) Limits (% by volume in air): Lower: Not available Upper: Not available

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SECTION 10 STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions

Chemical Stability: Stable under recommended handling and storage conditions (see section 7)

Possibility of Hazardous Reactions: Hazardous polymerization will not occur

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources

Incompatibility With Other Materials: Strong acids, strong bases, strong oxidizers

Hazardous Decomposition Products: No decomposition expected under normal use and storage conditions

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Eye Contact: Not classified

Skin Contact: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

Carinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive toxicity: No information available

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/injuries After Inhalation: Overexposure may be irritating to the respiratory system

Symptoms/injuries After Skin Contact: Repeated or prolonged skin contact may cause irritation

Symptoms/injuries After Eye Contact: Direct contact with the eyes is likely irritating

Symptoms/injuries After Ingestion: Ingestion is likely to be harmful or have adverse gastrointestinal effects

Chronic Symptoms: Not classified

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data:

Heavy paraffinic, distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

LD50 Oral Rat	> 2000 mg/kg
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LD50 Dermal Rabbit	> 2 g/kg
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Petroleum distillates, solvent dewaxed (64742-65-0)

LD50 Oral Rat	> 5000 mg/kg
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LD50 Dermal Rabbit	> 5 g/kg
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SECTION 12 ECOLOGICAL INFORMATION

Toxicity:

Ecology – General: Toxic to aquatic life

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Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts (68649-42-3)	
LC50 Fish 1	1.0 – 5.0 mg/l (Exposure time: 96 h – Species: Pimephales promelas [static])
EC50 Daphnia 1	1 – 1.5 mg/l (Exposure time: 48 h – Species: Daphnia magna)
LC50 Fish 2	10.0 – 35.0 mg/l (Exposure time: 96 h – Species: Pimephales promelas [semi-static])
Petroleum distillates, solvent dewaxed (64742-65-0)	
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h – Species: Daphnia magna)
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h – Species: Oncorhynchus mykiss)
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h – Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h – Species: Daphnia magna)

Persistence and Degradability: No data available.

Bioaccumulation: No data available.

Mobility in Soil: No data available

Other adverse effects: No data available

Other Information: Avoid release to the environment

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of waste material in accordance with all local, regional, national, provincial, territorial, and international regulations

Sewage Disposal Recommendations: Do not empty into drains; dispose of this material and its container in a safe way. Do not empty into drains. Do not dispose of waste into sewer

SECTION 14 TRANSPORT INFORMATION

DOT: Not regulated

IMDG: Not regulated

IATA: Not regulated

TDG: Not regulated

SECTION 15 REGULATORY INFORMATION

U.S. Federal Regulations:

SARA 311/312 Hazard Classes: Not Classified

U.S. State Regulations: None noted

Canadian Regulations:

WHMIS Classification	Not classified
Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts (68649-42-3)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision B – Toxic material causing other toxic effects
Petroleum distillates, solvent dewaxed (64742-65-0)	

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WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR

SECTION 16 OTHER INFORMATION

Revision Date: 16 May 2015

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases	
P273	Avoid release into the environment
P501	Dispose of contents/container in accordance with local, regional, national, and international regulations.

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

Parman Energy makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity, and suitability of his own use, handling, and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Parman Energy as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Parman Energy assume liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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