# Super F Low Viscosity ATF

Version: 1.0
Released: 26-08-2024 Revision Date: 2024-08-26

## 1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

**Supplier:**
ATI PERFORMANCE PRODUCTS
6718 Whitestone Road
Gwynn Oak, MD 21207
USA
(410) 298-4343

**Product Name:** SUPER F LOW VISCOSITY ATF

**Applications:** Transmission Fluid

**Emergency Telephone:** In USA: CHEMTREC +1 703 527 3887 (24 hours)
Outside USA: +1 619 449 5000

## 2. HAZARDS IDENTIFICATION

**GHS Classification** Skin Sensitizer Category 1

**GHS Pictogram**



**Signal Word** **Warning!**

**Hazard Statements** H317 May cause an allergic skin reaction.

**Precautionary Statements**

**Prevention**
P261 Avoid breathing dust, fume, gas, mist, vapors or spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.

**Response**
P302 + P352 IF ON SKIN: Wash with soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage** None

**Disposal** P501 Dispose of contents and container in accordance with local, regional and national regulations.

**Other Hazards** None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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| Components | Content % | CAS Number |
|---|---|---|
| Petroleum Distillates | 40-60 | 64742-54-7 |
| Synthetic Base Oils | 20-40 | Proprietary |
| Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyl-oxy) derivs., C10-rich | 0.5-<2 | 398141-87-2 |
| Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs. | 0.5-<2 | Proprietary |
| 1-(tert-Dodecyl-thio)propan-2-ol | >0.1-<0.5 | 67124-09-8 |
| 1,2-Propane-diol, 3-amino-, N,N-dicoco alkyl derivs. | >0.1-<1 | Proprietary |

The specific identity and/or exact percentage has been withheld as a trade secret.

## 4. FIRST-AID MEASURES

**Inhalation** If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.

**Skin Contact** Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.

**Eye Contact** Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical attention.

**Ingestion** If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

**Most Important Symptoms** May cause mild eye irritation. Prolonged skin contact may cause irritation. May cause an allergic skin reaction. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Indication of Immediate Medical Attention Needed** Immediate medical attention is not required.

**Notes to Physician** Treat appropriately

## 5. FIRE FIGHTING MEASURES

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|---|---|
| **Suitable Extinguishing Media** | Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames. |
| **Specific Hazards Arising From The Chemical** | This material will burn although it is not easily ignited. Combustion will produce carbon oxide and unidentified organic compounds. |
| **Special Protective Equipment And Precautions For Fire-Fighters** | Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water |

## 6. ACCIDENTAL RELEASE MEASURES

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| **Personal Precautions** | Wear appropriate protective equipment. Wash thoroughly after handling. See also: “Personal Protection "section 8. |
| **Environmental Hazards** | Avoid release into the environment. Report spill as required by local and federal regulations. |
| **Methods/Materials for Cleaning up** | Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 "Disposal Considerations". |

## 7. HANDLING AND STORAGE

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|---|---|
| **Precautions for Safe Handling:** | Avoid contact with skin, eyes and clothing. Avoid breathing vapors and mists. Wear protective clothing and equipment. Wash thoroughly with soap and water after handling. Remove oil-soaked clothing and launder before re-use. |
| **Conditions for Safe Storage** | Store in a cool area away from oxidizing agents. Protect containers from physical damage. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | |
|---|---|---|
| **Exposure Limits** | Petroleum Distillates | 5 mg/m3 TWA OSHA PEL (as oil Mist)<br>5 mg/m3 TWA ACGIH TLV (inhalable) (as mineral oil) |
| | Synthetic base oils | None Established |
| | Alcohols, C9-11-iso-, C10-rich | 50 ppm TWA (manufacturer) |

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| **Appropriate Engineering Controls** | Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required. |
| **Personal Protection** | |

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| **Respiratory Protection:** | None needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice. |
| **Eye Protection:** | Safety glasses or goggles recommended if splashing is possible. |
| **Skin/Body Protection:** | No special protective clothing is normally required. If there is a potential for prolonged skin contact, wear a long sleeved shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. |
| **Hand Protection:** | Use nitrile or neoprene gloves for prolonged or repeated skin contact. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| **Appearance** | Liquid |
| **Color** | Red |
| **Odor** | Petroleum odor |
| **Odor Threshold** | No data available |
| **pH** | No data available |
| **Freezing Point** | No data available |
| **Boiling Point** | No data available |
| **Flash Point** | 221 ° C |
| **Evaporation Rate** | No data available |
| **Flammability (solid, gas)** | No data available |
| **Upper Explosion Limit** | No data available |
| **Lower Explosion Limit** | No data available |
| **Vapor Pressure** | No data available |
| **Vapor Density (Air=1)** | No data available |
| **Relative Density** | No data available |
| **Solubility** | Soluble in hydrocarbons; insoluble in water |
| **Partition Coefficient: n-octanol/water** | No data available |
| **Auto Ignition Temperature** | No data available |
| **Decomposition Temperature** | No data available |
| **Volatile Organic Compounds (VOC)** | No data available |
| **Viscosity** | 26 cSt @ 40 ° C |

## 10. STABILITY AND REACTIVITY

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| | |
|---|---|
| **Reactivity** | Not expected to be reactive. |
| **Chemical Stability** | Stable. |
| **Possibility of Hazardous Reactions** | None known. |
| **Conditions to Avoid** | Avoid temperatures over 120°F, open flames and sparks. |
| **Incompatible Materials** | Avoid contact with strong oxidizing agents. |
| **Hazardous Decomposition Product** | Thermal decomposition may produce carbon oxides and unidentified organic compounds. |

## 11. TOXICOLOGICAL INFORMATION

**Potential Health Hazards**
**Eye Contact:** May cause mild irritation.
**Skin Contact:** Prolonged or repeated contact may cause mild irritation or dryness. Repeated skin contact may cause dermatitis. May cause an allergic skin reaction.
**Inhalation:** Excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea. Breathing high concentrations of oil mists may cause lung damage.
**Ingestion:** Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.
**Chronic Effects of Overexposure:** Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals.
**Sensitization:** The product is classified as a skin sensitizer. Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs., 1-(tert-dodecyl-thio)propan-2-ol and 1,2-propane-diol, 3-amino-, N,N-dicoco alkyl derivs. are classified as skin sensitizers.
**Mutagenicity:** This product is not expected to cause mutagenic activity.
**Reproductive Toxicity:** This product is not expected to cause reproductive or developmental effects.
**Carcinogenicity**: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

**Acute Toxicity:**

| | |
|---|---|
| Petroleum Distillates | Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 >5.5 mg/L/4 hr (mist), Dermal rabbit LD50 >2000 mg/kg |
| Synthetic Base Oils | Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 1.17 mg/L/4 hr (aerosol), Dermal rat LD50 >2000 mg/kg |

## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

| | |
|---|---|
| Petroleum Distillates | LL50 fish >100 mg/L, EL50 aquatic invertebrates > 100 mg/L, EL50 algae > 100 mg/L |
| Synthetic Base Oils | Not expected to be harmful to aquatic organisms. Not expected to demonstrate chronic toxicity to aquatic organisms. |
| Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyl-oxy) derivs., C10-rich | 4 d LC50 Rainbow Trout 2.4 mg/L, 2 d EC50 Daphnia magna 180 mg/L, 3 d EC50 Scenedesmus quadricauda 63 mg/L |

**Biodegradation** Petroleum distillates are not readily biodegradable.
Synthetic base oils are inherently biodegradable.

**Bioaccumulation** Petroleum distillates have the potential to bioaccumulate.
Synthetic base oils are not expected to bioaccumulate

**Mobility in soil** The product is not water soluble (floats on water) and may be adsorbed to soil particles.

**Other adverse effects:** None known.

## 13. DISPOSAL CONSIDERATIONS

**Disposal** Dispose in accordance with all local, state and federal regulations.

## 14. TRANSPORT INFORMATION

| | UN Number | Proper shipping name | Hazard Class | Packing Group | Environmental Hazard |
|---|---|---|---|---|---|
| DOT | | Not Regulated | | | |
| TDG | | Not Regulated | | | |
| IMDG | | Not Regulated | | | |
| **IATA** | | Not Regulated | | | |

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form
**Special precautions:** None known.

## 15. REGULATORY INFORMATION

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**CERCLA:** This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.
**EPA SARA 311 Hazard Classification:** Immediate (acute) health hazard.
**EPA SARA 313:** This product contains the following chemicals that are regulated under SARA Title III, section 313: None.

**California Proposition 65:** This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity:

| | | | |
|---|---|---|---|
| Sulfur dioxide | 7446-09-5 | < 7 ppm | Developmental |
| Methanol | 67-56-1 | < 3 ppm | Developmental |
| Trimethyl phosphate | 512-56-1 | < 2 ppm | Cancer |
| Benzene | 71-43-2 | < 1 ppb | Cancer, developmental |
| Toluene | 108-88-3 | < 22 ppt | Developmental |
| Ethylbenzene | 100-41-4 | < 1 ppb | Cancer |
| Naphthalene | 91-20-3 | < 1 ppb | Cancer |

**Chemical Inventories**
**Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory

## 16. OTHER INFORMATION

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|---|---|---|---|
| NFPA Rating (NFPA 704): | Health: 2 | Fire: 1 | Instability: 0 |
| HMIS Rating: | Health: 2 | Fire: 1 | Physical Hazard: 0 |

Date of Revision: August 26, 2024
Date of Previous Revision: n/a
Revision History:
8/26/24: Document created

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.