

SAFETY DATA SHEET - Issue date: 24-Jan-20, supersedes all earlier issues – Page 1 of 5

Product: ATI SUPER F

1. PRODUCT IDENTIFICATION

Trade Names: ATI SUPER F

Product Description: Base Fluid and Additives Intended use: Racing transmission fluid

2. HAZARD(S) IDENTIFICATION

Hazard Class: Not classified as a hazardous substance or mixture

Signal Word: None

Hazard Statement(s): None

Precautionary Statement(s): None

Hazards Not Otherwise Classified: None

Product contains the following ingredients with unknown toxicity:

None

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

This material is defined as a mixture.

Hazardous Substance(S) or Complex Substance(S) Required for Disclosure

Chemical Name:	CAS #	Percentage
No Hazardous Substance(s) or Complex Substance(s) required for disclosure	Confidential	

*Specific identity and/or exact percentage (concentration) has been withheld as a trade secret.

4. FIRST AID PROCEDURES

Expected Routes of Exposure: Skin Inhalation Eye Contact Ingestion

Inhalation: Move exposed person to fresh air. If breathing has stopped, perform artificial respiration. Get medical attention as soon as possible.

Eye Contact: Not expected to cause other than transient irritation. Check for, and remove, contact lenses. Flush eyes with water for at least 15 minutes, lifting lids. Get medical attention if redness or irritation persists.

Skin Contact: If clothing is soaked, remove and wash skin with soap and water. Launder clothing before wearing. Extended contact may de-fat skin, contributing to chapping or redness.

Ingestion: Rinse mouth with water (**NEVER give anything by mouth to an unconscious person.**) Do **NOT** induce vomiting. Get medical attention.

Note to physician: Treat symptomatically

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5. FIRE PROTECTION INFORMATION

Flash Point >175°C (347°F)	Autoignition: Not determined	Explosive Limits: Not determined
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Extinguishing Media: Carbon dioxide, dry chemical, or foam. Water stream may spread fire. Use water spray only to cool containers exposed to fire.

Hazardous Decomposition Products: Incomplete combustion can yield CO, CO₂, and/or various oxides.

Special instructions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Unusual Fire and Explosion Hazards: None

Hazardous polymerization will NOT occur. Product is stable

6. ACCIDENTAL RELEASE MEASURES

Spills: No action shall be taken involving any personal risk or without suitable training. Notify emergency personnel. Evacuate area and remove ignition sources. Build dike to contain flow. Remove free liquid, do not flush to sewer or open water. Pick up with inert absorbent and place in closed container for disposal.

Waste Disposal: Utilize licensed waste disposal company. If not familiar with such companies, contact MorOil for recommendations. Consider recycling or incineration. Utilize permitted industrial waste disposal site. Do not use flame to cut empty container. For specific information regarding return of container contact MorOil.

7. HANDLING AND STORAGE

Handling: Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Storage: Do not store with strong oxidizers. Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers. To maintain product quality, do not store in heat or direct sunlight.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Permissible Exposure Limits (PEL): Not established - 5mg/m³ TWA 8 hour recommended

ACGIH Threshold Limit Value (TLV): Not established - 5mg/m³ TWA 8 hour recommended

Respiration Protection: Use local exhaust to capture vapor, mists or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit. Smoking or use of flame or other ignition sources is not recommended. Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

Protective Clothing: Safety glasses, chemical goggles, or face shield as appropriate for exposure. For prolonged contact, use nitrile or neoprene gloves or other oil resistant material.

Ventilation: Maintain local or dilution ventilation to keep air concentration below TWA 5mg/m³. Request assistance of safety and industrial hygiene personnel to determine air concentrations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, bright liquid
Odor	Mild to none
Odor Threshold	No data available
pH	No data available
Pour Point (Maximum)	No data available
Initial Boiling Point	No data available
Boiling Range	No data available
Flash Point	>175°C (347°F)
Evaporation Rate	No data available
Flammability	Low fire hazard. This material must be heated before ignition will occur.
Upper/Lower Flammability/Explosion Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Solubility (Water)	Insoluble
Partition Coefficient (n-octanol/water)	No data available
Auto-ignition temperature	No data available
Decomposition	No data available
Viscosity	34.6 cSt@40°C – 7.6 cSt@100°C
Density	0.847 kg/l (15 °C / 59 °F)

10. STABILITY AND REACTIVITY

Hazardous polymerization will NOT occur. Product is stable

Conditions to avoid: No data available

Incompatible materials: Oxidizing agents

Hazardous Decomposition Products: Incomplete combustion can yield CO, CO₂, and/or various oxides.

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11. TOXICOLOGICAL INFORMATION

Expected Routes of Exposure: Skin Inhalation Eye contact Ingestion

Acute toxicity:**Product:**Acute oral toxicity: No data available
Acute inhalation toxicity: No data available
Acute dermal toxicity: No data available**Components:**Acute oral toxicity: LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity: LC50 (Rat): > 5.2 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Acute dermal toxicity: LD50 (Rabbit): > 2,000 mg/kg**Skin corrosion/irritation****Product:**

No data available

Components:

Mild skin irritation with prolonged or repeated contact

Serious eye damage/eye irritation**Product:**

No data available

Components:

Mild eye irritation

Respiratory or skin sensitization:

No data available

Germ cell mutagenicity:

No data available

Carcinogenicity:

No data available

Reproductive toxicity:

No data available

STOT - single exposure:

No data available

STOT - repeated exposure:

No data available

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS**Waste Disposal:**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Do not use flame to cut empty container. For specific information regarding return of container contact MorOil.

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14. TRANSPORT INFORMATION

International Regulation:

IATA-DGR: Not regulated as a dangerous good
 IMDG-Code: Not regulated as a dangerous good
 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
 Not applicable for product as supplied.

49 CFR: Not regulated as a dangerous good
 TDG: Not regulated as a dangerous good

15. REGULATORY INFORMATION:

SARA Title III: Sections 301-304: No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen).
 Section 313: No toxic chemical present greater than 1% or 0.1% (carcinogen).
 Sections 311-312:

HAZARD CLASSIFICATION	Acute Hazard	Chronic Hazard	Fire Hazard	Pressure Hazard	Reactive Hazard	Not Applicable

CERCLA: No known product RQ
 TSCA: All components registered
 RCRA: Conditions of use may render the spent product a hazardous waste. Classification must be determined at time of disposal.
 CALIFORNIA PROPOSITION 65: Not known to contain any chemicals listed under this act.

16. OTHER INFORMATION:

LATEST REVISIONS:

None

NOTE: The information and recommendations contained in this publication have been compiled from sources believed to be reliable and to represent the best current opinion on the subject at the time of publication. Since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the recommendations will be adequate for all individuals or situations. Each user of the product(s) described herein should determine the suitability of the described for their particular purpose and should comply with all federal and state rules and regulations concerning the described product.

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