

PETRON ATF PREMIUM**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY**

Product Name	PETRON ATF PREMIUM
Product Type	Petroleum Hydrocarbons with Additives
Recommended Use	Automatic Transmission Fluid
Company Information	PETRON CORPORATION San Miguel Head Office Complex 40 San Miguel Avenue, Mandaluyong City PHILIPPINES
General Contact Numbers	(632) 802-7777
Website	www.petron.com

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION	Acute Toxicity - Dermal, Category 5 Acute Toxicity - Inhalation, Category 4 Skin Corrosion/Irritation, Category 3 Serious Eye Damage/Eye Irritation, Category 2B Carcinogenicity, Category 2 Specific Target Organ Toxicity (Repeated Exposure), Category 2 (Skin, lungs, blood, liver, CNS, stomach) Hazardous to the Aquatic Environment Acute Hazard, Category 3 Chronic Hazard, Category 3
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GHS LABELING

Symbols



Signal Word Warning

Hazard Statement	H303	May be harmful if swallowed
	H332	Harmful if inhaled
	H316	Causes mild skin irritation
	H320	Causes eye irritation
	H351	Suspected of causing cancer
	H373	May cause damage to organs (skin, lungs, blood, liver, CNS) through prolonged or repeated exposure
	H412	Harmful to the aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS**General Precautionary Statements**

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use

Prevention Precautionary Statements

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P260	Do not breathe vapors/spray
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing
P281	Use personal protective equipment as required

Response Precautionary Statements

P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P304 + P340	IF INHALED: Remove victim to a fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, If present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/attention
P309 + P311	If exposed or if you feel unwell: Call a POISON CENTER or doctor/physician
P312	Call a Poison Center or Physician if you feel unwell
P314	Get medical advice/attention if you feel unwell
P332 + P313	If skin irritation occurs: get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention

Storage Precautionary Statements

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up

Disposal Precautionary Statements

P501	Dispose of contents/container in accordance with local/regional/national/ international regulations
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition	CAS Number	% Weight
Hydrotreated Neutral Oil	72623-86-0	52 - 67
Distillates (Petroleum) solvent refined heavy paraffinic	64741-88-4	30 - 48
Methacrylate Copolymer	-	1 - 2
Alkoxy Sulfolane	-	< 0.5
Alkoxylated long chain alkyl amine	-	< 0.5
Alkyl methacrylate	-	< 0.05
Long-chain alkenyl imidazoline alkanol	-	< 0.05

In general, the product contain components that may be a significant health and safety hazard thus proper handling petroleum products and observing precautions must be observed and good standards of industrial and personal hygiene must be maintained.

SECTION 4: FIRST AID MEASURES

Eye Contact	Immediately flush eyes with large amount of water for at least 15 minutes or until irritation subsides. If irritation persists, get prompt medical attention.
Skin Contact	Immediately flush with large amount of water; use soap if available. Remove contaminated clothing and shoes, and launder before reuse.
Inhalation	This product is not expected to present an inhalation problem at ambient temperature. However, if overexposed to oil mist, using proper respiratory protection, immediately remove the affected person immediately to fresh air. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.



Ingestion If swallowed, DO NOT induce vomiting. If individual is conscious, give milk or water to dilute stomach contents. Keep warm and quiet. Get immediate medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point, COC, °C 196

Extinguishing Media In case of fire use foam, carbon dioxide or dry chemical extinguishers.

Special Fire-fighting Procedures Water jets should not be used directly on igniting products. Avoid spraying water directly into storage containers due to danger of over-boil. However, water may be used to cool exposed containers, structures and equipment adjacent to fire. Respiratory and eye protection required for fire-fighting personnel.

Decomposition Products Under Fire Conditions Fumes, smoke, oxides of sulfur, nitrogen, carbon and other toxic gases may be formed.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Land Spill Taking normal safety precaution, eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures. For large spills implement clean-up procedures and, if in public area, keep public away and advise authorities. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Recover by pumping or with a suitable absorbent. If liquid is too viscous for pumping, scrape up. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water Spill Use booms to confine spills immediately. Remove from water surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

SECTION 7: HANDLING AND STORAGE

Handling Procedures Keep away from potential sources of ignition. Open container in a well-ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Wash thoroughly after handling. "Empty" containers with retained product residue (liquid or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause death or injury. Empty drums should be completely drained, properly bunged and promptly returned to a drum re-conditioner, or properly disposed off.

Storage Procedures Do not store near potential sources of ignition. Store in well-ventilated area. Odorous and toxic fumes may form from the decomposition of this product if stored at temperatures in excess of 60°C for extended periods of time or if heat sources in excess of 70°C are used.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Controls

Components	CAS-No.	Source	Value
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Distillates (Petroleum) solvent-refined heavy paraffinic	64741-88-4	ACGIH OSHA	5mg/m ³ 10 mg/m ³ (STEL) 5mg/m ³
Alkoxylated long chain alkyl amine	-	ACGIH	5mg/m ³ 10 mg/m ³ (STEL)
Alkyl methacrylate	-	ACGIH	100 PPM (TLV)
Hydrotreated Neutral Oil	72623-86-0	ACGIH	10 mg/m ³ , OES
Methacrylate Copolymer	-	ACGIH OSHA	10 mg/m ³ (TLV-TWA) 15 mg/m ³ (PEL TWA)

Personal Protection

Ventilation Procedures	The use of local exhaust ventilation is recommended to control mists or vapors. Additional ventilation or exhaust may be required to maintain air concentrations below exposure limits.
Hand Protection	Use chemical resistant gloves.
Eye Protection	Where contact may occur, wear safety glasses with side shields.
Respiratory Protection	Use NIOSH/OSHA approved full-face respirator with a combination organic vapor and high efficiency filter cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Clothing Recommendation	Wear either a chemical protective suit or apron when potential for contact with material exists. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Do not wear rings, watches or similar apparel that could entrap the material and cause a skin reaction.

SECTION 9:

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red Liquid
Odor	Characteristic of petroleum products
Kinematic Viscosity at 40°C, cSt	38.50
Kinematic Viscosity at 100°C, cSt	7.40
Specific Gravity at 60°F	0.8634
Flash Point, °C	196
pH	No data
Boiling Point, °C	No data
Melting Point, °C	No data
Vapor Pressure, kPa	No data
Vapor Density	No data
Solubility in Water	Insoluble
Evaporation Rate	No data
Flammability	Non flammable
Partition Coefficient	No data
Auto-ignition Temp, °C	No data
Decomposition Temp, °C	No data
Explosion limits	No data



SECTION 10: STABILITY AND REACTIVITY

Stability	This product is stable and hazardous polymerization will not occur.
Incompatibility	Strong oxidizing agents
Polymerization	Not Applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Distillates (Petroleum) solvent-refined heavy paraffinic	Oral, LD50	>5000 mg/kg
	Dermal, LD50	>2000 mg/kg
	Inhalation, LC50	2.18 mg/L
Hydrotreated Neutral Oil-Based	Oral, LD50	>2000 mg/kg
	Dermal, LD50	>2000 mg/kg
	Inhalation, LC50	Not Applicable
Alkoxy Sulfolane	Oral, LD50	2835 mg/kg
	Dermal, LD50	2000 mg/kg
	Inhalation, LC50	>5 mg/L

Skin Corrosion/Irritation Low order of toxicity. Frequent or prolonged contact may cause mild skin discomfort.

Serious Eye Damage/Irritation Will cause eye discomfort; may injure eye tissue if not removed promptly

Respiratory/Skin Sensitization There was no evidence of skin sensitization when the product was applied to human skin.

Germ Cell Mutagenicity No available information

Aspiration Hazard Minimal toxicity

Carcinogenicity

Distillates (Petroleum) solvent refined heavy paraffinic Suspected of causing cancer
Classified by EU, Institute for Health & Consumer Protection as Carcinogenic Category 2; INCHEM similarly classifies as may cause cancer.

Reproductive Toxicity No relevant data identified from the literature searched.

Specific Target Organ Toxicity Negligible hazard under ambient temperature conditions (-18 to 38°C; 0 to 100°F). If overheated especially in the presence of water, hydrogen sulfide may be released. This can cause respiratory collapse, coma, even death without necessarily any odor being sensed. Avoid breathing vapor or mists. Repeated and prolonged over-exposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection.

SECTION 12: ECOLOGICAL INFORMATION

Acute Toxicity

Distillates (Petroleum) solvent-refined heavy paraffinic	Fish (LL ₅₀ /96-hours)	>100 mg/L (Pimephales promelas)
	Crustaceans (EL ₅₀ /48-hours)	1000 mg/L (Daphnia magna)
	Algae (EC ₅₀ /72-hours)	>1000 mg/L (Scenedesmus subspicatus)



Environmental Mobility	Oil component of this product floats and can migrate from water to land.
Environmental Degradability	Data have not been determined specifically for this product, but it is not expected that it will be "readily" biodegradable.
Ecotoxicity & Bioaccumulation	Data have not been determined specifically for this product, but it is expected to be harmful to aquatic organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal	Material, if discarded, is expected to be hazardous waste due to toxicity. Waste management should be in compliance with local and national regulations.
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SECTION 14: TRANSPORT INFORMATION

Land	This product is not regulated for road/rail transport.
Sea	IMDG (Packaged Goods and BLCs). This product is not regulated for sea transport.
Air	(ICAO/IATA). This product is not regulated for air transport.

SECTION 15: REGULATORY INFORMATION

Material is hazardous under Occupational Safety and Health (Classification, Labeling, and Safety Data Sheet of Hazardous Chemical) Regulations 2013.

The Chemical Substances present in this product are listed under Philippine Inventory of Chemicals and Chemical Substance (PICCS).

SECTION 16: OTHER INFORMATION

Approvals	Research and Development Department Petron Corporation
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This safety data sheet contains the following revisions **2**

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