


PETRON BLAZE RACING SYNTHETIC BLEND SAE 5W-30**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY**

Product Name	PETRON BLAZE RACING SYNTHETIC BLEND SAE 5W-30 (API SM)
Manufacturer:	PETRON CORPORATION JESUS ST., PANDACAN, MANILA PHILIPPINES
Product Type	Petroleum Hydrocarbons with Additives
Recommended Use	Gasoline Engine Oil
Telephone No.	(02) 884-9200
Website	(02) 884-9200

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION Specific target organ toxicity-single exposure, Category 3

GHS LABELING

Symbols	
Signal Word	Warning
Hazard Statement	H336 May cause drowsiness or dizziness
General Precautionary Statements	
P271	Use only outdoors or in a well-ventilated area
P261	Avoid breathing mist/vapors/spray
P312	Call a POSITION CENTER/doctor/physician/first aider/if you feel unwell.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
Response Precautionary Statements	
P332 + P313	If skin irritation occurs: get medical advice/attention
P308 + P313	If exposed or concerned: Get medical advice/attention
Storage Precautionary Statements	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed
P405	Store locked up

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition	CAS Number	% Weight
Mineral Oil (Severely treated)	Not available	70.0 – 80.0
Paraffinic distillate, heavy, hydrotreated (severe)	64742-54-7	20.0
Paraffinic distillate, heavy, solvent-dewaxed (severe)	64742-65-0	<1.9
Zinc dialkyl dithiophosphate	68457-79-4	<0.475



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, including shoes, and launder before reuse.	
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.	
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.	
SECTION 5:		FIRE-FIGHTING MEASURES
Flash Point, COC, °C	>200	
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 boil-over. 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, water courses, 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 a 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
Mineral Oil	Not available	TWA STEL	5 mg/m ³ 10 mg/m ³
Paraffinic distillate, heavy, hydrotreated (severe)	64742-54-7	TWA STEL	5 mg/m ³ 10 mg/m ³

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.
- 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.
- Hand Protection Use chemical resistant gloves.
- Eye Protection Where contact may occur, wear safety glasses with side shields.
- 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	Clear
Odor	Characteristic of petroleum products
Kinematic Viscosity at 40°C, cSt	66.50
Kinematic Viscosity at 100°C, cSt	11.10
Density at 15°C	0.8603
Flash Point, °C	>200



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	Not flammable
Partition Coefficient	No data
Auto-ignition Temperature, °C	No data
Decomposition Temperature, °C	No data
Explosion limits	No data

SECTION 10: STABILITY AND REACTIVITY

Stability	This product is stable and hazardous polymerization will not occur.
Incompatibility	No available information.
Polymerization	Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Paraffinic heavy paraffinic	Oral, LD50	>2000 mg/kg (Rat)
	Dermal, LD50	>2000 mg/kg (Rabbit)
	Inhalation, LC50	5.3 mg/L, 4 hr (Rat)
Zinc Alkyl Dithiophosphate	Oral, LD50	>2,900 mg/kg (Rat)
	Dermal, LD50	>5,000 mg/kg (Rabbit)

Skin Corrosion/Irritation Skin irritation may also be present after prolonged or repeated exposure; this may result in a form of contact dermatitis (non-allergic)

Serious Eye Damage/Irritation Repeated or prolonged eye contact may cause inflammation characterized by temporary redness, temporary impairment of vision and/or other transient eye damage/ulceration may occur

Respiratory/Skin Sensitization No available information.

Germ Cell Mutagenicity Not classified based on available data.

Aspiration Hazard No available information.

Reproductive Toxicity Not classified based on available data.

Carcinogenicity EU classification of carcinogenicity of petroleum distillates used does not apply since product does not contain DMSO extract beyond 3% according to INCHEM.

Specific Target Organ Toxicity No available information.



SECTION 12: ECOLOGICAL INFORMATION

Acute Toxicity

Mineral Oil
Not available.

Paraffinic distillate, heavy, hydrotreated
(severe)

Fish (LC ₅₀ / 96-hours)	>1000 mg/L
Crustaceans (EC ₅₀ / 48-hours)	>10 mg/L
Algae (EbC ₅₀ / 96-hours)	>1000 mg/L

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 No available information.

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.

SECTION 14: TRANSPORT INFORMATION

Air (ICAO/IATA). This product is not regulated for air transport.

Land This product is not regulated for road/rail transport.

Sea IMDG (Packaged Goods and BLCs). This product is not regulated for sea transport.

SECTION 15: REGULATORY INFORMATION

Material is non-hazardous chemical under Occupational Safety and Health (Classification, Labeling, and Safety Data Sheet of Hazardous Chemicals) Regulations 2013

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

SECTION 16: OTHER INFORMATION

Approvals Research and Development Department
Petron Corporation

This safety data sheet contains the following revisions: **0**

This is a computer-generated form and does not require a signature.

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