

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT & COMPANY INFORMATION

PRODUCT : **MARK 5**

USE : A blended unleaded fuel

SUPPLIER : PRO Racing Fuels
16 James St.
Mississauga Ontario
L5M 1R5
905 – 858 – 9320

PREPARED BY : J Wilson October 2010

EMERGENCY
TELEPHONE (Canutec) 613–996–6666

Telephone number for non-emergency questions concerning MSDS,
(905) 858-9320 PRO Racing Fuels.

SECTION 2 INGREDIENTS

A mixture of aliphatic and aromatic hydrocarbons plus additives. Contains methyl tertiary butyl ether and may contain small amounts of methylcyclopentadienyl manganese tricarbonyl (MMT).

SECTION 3 REGULATOR CLASSIFICATION

WHIMS classification : Class B Div. 2, Class D Div. 2A

Shipping Name : Petroleum Distillate N.O.S.
Class 3 UN 1268 PG II

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SECTION 4

PHYSICAL DATA

Boiling Range:	80°F – 285°F or 26°C - 129°C
Specific Gravity:	0.720
Vapour Pressure:	300-400 mm Hg
Vapour Density:	4 (air=1)
Water Absorption	negligible
Volatile %:	100%
Evaporation Rate:	rapid and varies
Appearance:	purple
Odour:	of gasoline
Odour Threshold:	15 ppm

SECTION 5

FIRE AND EXPLOSION HAZARD

Flashpoint:	-40°F, -40°C COC. ASTM D92
Flammable Limits:	1.5% to 7.6% by volume
Lower Explosive Limit:	LEL = 0.6%
Upper Explosive Limit:	UEL = 8.0%
Auto Ignition Temp.	n/a

NOTE: The product is extremely flammable and will ignite at room temperatures if exposed to ignition source.

SECTION 6

REACTIVITY DATA

Chemical Stability:	stable
Incompatibility:	strong oxidizing agents
Reactivity:	avoid excess heat, open flame and sources of ignition.
Hazardous Decomposition Products:	carbon dioxide, carbon monoxide, oxides of nitrogen and other unidentified organic compounds may be formed during combustion.

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SECTION 7

HEALTH HAZARD INFORMATION

Exposure Limit	300 ppm (900mg/m ³) ACGIH
Inhalation:	high vapour concentrations are irritation to the eyes, nose, throat, lungs; may cause headaches and dizziness, may cause other central nervous system effects. May contain small amounts of methylcyclopentylidienyl manganese tribonyl (MMT) which may cause nervous system, liver and kidney effects.
Eye Contact:	irritating
Ingestion:	harmful if swallowed. Small amounts of liquid could be drawn into the lungs from swallowing or vomiting and may cause severe health effects.
Skin Contact:	low toxicity. Moderate irritation with prolonged or repeated exposure.

SECTION 8

FIRST AID MEASURES

Inhalation:	move person to fresh air. Administer artificial respiration if breathing has stopped. Obtain prompt medical attention.
Eyes:	flush with water until irritation subsides. If irritation persists obtain medical attention.
Skin:	wash with plenty of soap and water until no odour remains. Wash clothing before reuse.
Ingestions:	DO NOT induce vomiting. Get prompt medical attention.

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SECTION 9 FIRE AND EXPLOSION HAZARD

General Hazards: extremely flammable liquid.

Extinguishing Media: use water fog, mechanical foam or dry chemical powder. Respiratory and eye protection are required for fire fighting personnel.

SECTION 10 PREVENTATIVE AND CORRECTIVE MEASURES

Personal Protective Equipment: for prolonged or repeated exposure, wear safety glasses, long sleeves and chemical resistant gloves. Provide adequate ventilation or breathing apparatus to prevent over exposure to vapours.

Handling, Storage and Shipping: keep containers closed. Store in cool well ventilated area.

Spills, Leaks and or Releases: prevent ignition. Stop leaks, ventilate area. Wear the respiratory protection for large releases. Notify appropriate authorities immediately.

SECTION 11 WASTE DISPOSAL

Recycle where possible.
Consult your local or regional authorities, or return to supplier
