

**TORCO RACE FUEL  
MACH 104 LOW LEAD**

**CODE 6599006487**

**SECTION 1**

**IDENTIFICATION:** M.S.D.S. DATE 01/03/2005  
UN/NA NUMBER; UN1268 MACH SERIES/PROFESSIONAL USE ONLY/FOR OFF ROAD USE ONLY

**MANUFACTURER:** General Sales and Service, Inc. (GSS)  
Torco Racing Fuels  
110 M-51 North  
Decatur, Michigan 49045

SYNONYMS..... PREMIUM RACE FUEL PETROLEUM DISTILLATE UN 1268 (MACH 104 -HIGH PERFORMANCE)  
**OFF ROAD USE ONLY**

**CAS REGISTRY NO :** N/A  
**CAS NAME :** NO CLASSIFICATION -MIXTURE  
**CHEMICAL FAMILY:** A BLENDED MOTOR FUEL  
**INFORMATION :**

**SUPPLIER :** EVAN KNOLL  
**PHONE :** 1-800-678-6726

**EMERGENCY CONTACT:** CHEMTREC  
**EMERGENCY PHONE:** 1-800-424-9300

**SECTION 2**

**INGREDIENTS:**

THIS PRODUCT IS A BLEND OF LIGHT PETROLEUM DISTILLATE, CAS # 8006-61-9, WHICH CONTAINS BENZENE, CAS \*71-43-2 AT 0.1 TO 4.9%. MAY ALSO CONTAIN A PROPRIETARY MULTIFUNCTIONAL ADDITIVE AND/OR MMT, TEL, OR PHOSPHORUS, AND/OR METHYL TERTIARY BUTYL ETHER (MTBE) CAS \*1634-04-4, DEPENDING ON ORIGIN.  
(INGREDIENTS WITH \* IN CAS NUMBER ARE SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW AND 40CFR372)

**SECTION 3**

**PHYSICAL DATA:**

BOILING POINT.....<50-435 (DEG. F) <10-224 (DEG. C)  
MELTING POINT.....N/A (DEG. F) N/A (DEG. C)  
SPECIFIC GRAVITY.....0.70<0.74 (H20=1)  
PACKING DENSITY.....N/A (KG/M3)  
VAPOR PRESSURE.....325-525 (MM HG AT 20C)  
VAPOR DENSITY.....4+ (AIR=1)  
SOLUBILITY IN WATER.. NIL TO 15% (% BY VOLUME)  
PH INFORMATION.....N.D. AT CONC. G/L H2O  
% VOLATILES BY VOL... 100  
EVAPORATION RATE..... RAPID AND VARIES (ETHYL ETHER=1)  
OCTANOL/WATER COEFF.. NO DATA  
APPEARANCE.....DYED LIQUID  
ODOR.....PUNGENT ODOR  
ODOR THRESHOLD.....15(EST) (PPM)

**SECTION 4**

**FIRE AND EXPLOSION DATA:**

FLASH POINT.....103 EST'DP (DEG. F) 103 EST'D (DEG. C)  
AUTOIGNITION TEMP.....788 ESTIMATED (DEG. F) 420 ESTIMATED (DEG C)

**---NFPA CLASSIFICATION-----HAZARD RATING-----**

HEALTH	-2	0-LEAST	3-HIGH
FIRE	-3	1-SLIGHT	4-EXTREME
REACTIVITY	0	2-MODERATE	

**SPECIFIC HAZARD----FLAMMABLE LIMITS IN AIR**

LOWER EXPLOSIVE LIMIT (LEL) 1.4 EST.% VOL.  
UPPER EXPLOSIVE (UEL) 7.0 EST % VOL.

**FIRE AND EXPLOSIVE HAZARDS**

EXTREMELY FLAMMABLE LIQUID (FLASH POINT LESS THAN 20 F)

**EXTINGUISHING MEDIA--WATER FOG, MECHANICAL FOAM, DRY CHEMICAL POWDER CARBON DIOXIDE**

**SPECIAL FIRE FIGHTING INSTRUCTIONS--**

COOL TANK/CONTAINER. WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIREFIGHTING IN CONFINED SPACE.

## SECTION 5

### **HEALTH HAZARD INFORMATION:**

EXPOSURE LIMITS RECOMMENDATION  
OTHER LIMIT: LIMIT IS DEPENDENT UPON BENZENE,

### **ROUTES OF EXPOSURE AND EFFECTS:**

#### **INHALATION:**

EXCESSIVE EXPOSURES MAY CAUSE IRRITATION TO EYES, NOSE, THROAT, DIZZINESS, LOSS OF BALANCE AND COORDINATION; UNCONSCIOUSNESS, COMA, RESPIRATORY FAILURE, AND DEATH. CONTAINS MATERIAL WHICH HAS CAUSED CANCER IN ANIMAL STUDIES, THE SIGNIFICANCE TO HUMAN HEALTH IS UNDER STUDY.

#### **SKIN**

repeated Skin absorption of material may add significantly to exposure. Mild irritation removes natural oils and fats from the prolonged or contact.

#### **EYES**

Contact with the eye may cause temporary smarting. No permanent damage is expected.

#### **INGESTION**

Harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed and/or vomiting occurs. Can enter lungs and cause damage. Contains material which has caused cancer in laboratory animals.

#### **FIRST AID**

##### **INHALATION**

Move the afflicted person to fresh air. If not breathing, give artificial respiration and obtain medical assistance.

##### **SKIN**

Wash with soap and water until no odor remains. Immediately wash water for at least 15 minutes. If redness or swelling develops, obtain medical assistance. Remove soaked clothing immediately. Wash clothes before reuse.

##### **EYE**

Flush water. If irritation persists, obtain medical assistance.

##### **INGESTION**

Do not induce vomiting!!! Do not give liquids!!! Immediately obtain medical assistance!!! Small amounts which accidentally enter the mouth should be rinsed out until the taste of it is gone.

## SECTION 6

### **Reactivity Data:**

Stability	Stable
Incompatible Materials	Strong Oxidizers
Hazardous Decomposition	Products combustion will produce carbon monoxide and asphyxiants.
Polymerization	will not occur.

## SECTION 7

### **Special Protection Information:**

**Ventilation** : Use only with adequate ventilation. Ventilate as needed to comply with exposure limit. Mechanical ventilation r recommended.

#### **Personal Protective System:**

##### **EYE**

Safety Glasses produces minimal irritation to eyes. Local Safety Policy decision.

##### **GLOVES**

Impervious gloves recommended to protect against contact with product.

##### **RESPIRATOR**

Concentration-in-air determines the protection needed. Use only NIOSH Certified Respiratory Protection.

##### **OTHER**

If contact with product is unavoidable, wear impervious protective gear. Launder soiled clothes immediately.

## SECTION 8

### **Disposal Procedures:**

**Aquatic Toxicity:** Gasoline spills are toxic to fish and aquatic flora. Spill, leak, or release. Prevent ignition: stoop leak; ventilate area. Contain spill, use water spray to disperse vapors. Keep upwind of leak. Wear respirator protection for large spill, leak, or release. Advise EPA; State Agency if required. Absorb on inert material.

#### **Waste Disposal Method:**

Follow Federal, State, and Local Regulations, RCRA Hazardous waste. Do not flush to drain or

use storm sewer. Contract to Authorized Disposal Service.

## **SECTION 9**

### **Special Precautions:**

#### **Storage and Handling Conditions:**

Keep away from heat, sparks, and flames, NFPA Class 1A storage. Consult NFPA and OSHA Codes. Transfer operations must be electrically grounded and bonded to dissipate static build up. Avoid prolonged breathing of mists or vapors. Avoid prolonged or repeated contact with skin, never siphon by mouth.