

MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 5

PRODUCT NAME: Torco Methanol

MSDS NUMBER:

PRODUCT CODE:

MSDS DATE: 06/09/09

KEY NUMBER:

EMERGENCY PHONE #'s: 1-800-424-9300

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

HEALTH**2** Hazardous**FIRE****3** Flash Point: Below 100°F, 38°C**REACTIVITY****0** Stable**SPECIFIC**

-

1. IDENTIFICATION See Addendum:

Ref. PAGE:

Chemical Name: METHYL ALCOHOL

Chemical Family:

CAS #: 67-56-1

Chemical Formula:

CAS Name:

Molecular Weight:

Synonyms / Common Name: Methanol

DOT Information: METHANOL, 3, UN1230, II. RQ

2. PHYSICAL DATA See Addendum:

Ref. PAGE:

Appearance: MOBILE LIQUIDNEAT

Color: Clear

State: Liquid

Odor Characteristics: MILD ALCOHOL ODOR

pH: NA

Viscosity: 0.6 CPS

Specific Gravity (Water = 1): 0.795 @ 68F

Vapor Density (Air = 1): 1.11

Vapor Pressure: 97.680 MMHG @ 68F

Melting Point:

Boiling Point: 97.6C, -144.F

Flash Point: 12.2°C, 54°F

Freezing Point:

Percent Volatility: 100

Evaporation Rate (Bac = 1): 2.10 (N-BUTYL ACETATE)

Solubility in Water: COMPLETE

Solubility in Oil:

Solubility in Acetone:

3. INGREDIENTS See Addendum:

Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
METHYL ALCOHOL	67-56-1			100

4. FIRE AND EXPLOSION HAZARD DATA See Addendum:

Ref. PAGE:

Flash Point: 12.2°C, 54°F

Flammable Limits Lower 6.0
in Air % by volume: Upper 36.0

Extinguishing Media: ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Special Fire Fighting: WATER MAY BE INEFFECTIVE. WATER MAY BE USED TO KEEP
Procedures: FIRE-EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT. WEAR A SELF-CONTAINEDUnusual Fire & Explosion Hazards: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND
IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE,
OR

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

MATERIAL SAFETY DATA SHEET PAGE #: 2 OF 5

PRODUCT NAME: Torco Methanol

MSDS NUMBER:

MSDS DATE: 06/09/09

PRODUCT CODE:

KEY NUMBER:

5. HEALTH HAZARD DATA

See Addendum:

PAGE #:

Threshold Limit Value:

Effects of Overexposure:

Inhalation:

Skin Contact: MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING & CRACKING OF SKIN, SKIN BURNS. PASSAGE

Eye Contact: MAY CAUSE MILD EYE IRRITATION. SYMPTOMS INCLUDE STINGING, TEARING & REDNESS.

Ingestion: SWALLOWING: SWALLOWING THIS MATERIAL MAY BE HARMFUL. INHALATION: BREATHING OF VAPOR OR MIST IS POSSIBLE. BREATHING

Delayed Effects:

Medical Conditions Aggravated by Exposure EXPOSURE TO THIS MATERIAL MAY AGGRAVATE ANY PREEXISTING CONDITION SENSITIVE TO A DECREASE IN AVAILABLE OXYGEN, SUCH

6. FIRST AID MEASURES

See Addendum:

PAGE #:

Inhalation:

Skin Contact: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. LAUNDRY CLOTHING BEFORE REUSE.

Eye Contact: IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER WHILE HOLDING EYELIDS APART. IF SYMPTOMS PERSIST OR THERE IS ANY VISUAL

Ingestion: SEEK MEDICAL ATTENTION: IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH THE

NOTES TO PHYSICIAN:

7. REACTIVITY DATA

See Addendum:

PAGE #:

Stability: YES

Incompatibility: (materials to avoid) AVOID CONTACT WITH: REACTIVE METALS SUCH AS ALUMINUM AND MAGNESIUM, STRONG ACIDS, STRONG OXIDIZING AGENTS.

Hazardous Combustion or Decomposition Products MAY FORM: CARBON DIOXIDE AND CARBON MONOXIDE.

Hazardous Polymerization: NO

Conditions to Avoid: NONE

8. SPILL OR LEAK PROCEDURES

See Addendum:

PAGE #:

Actions to take for
Leaks & Spills

Waste Disposal Method:

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

PRODUCT NAME: Torco Methanol

MSDS NUMBER:

MSDS DATE: 06/09/09

PRODUCT CODE:

KEY NUMBER:

9. SPECIAL PROTECTION INFORMATION



See Addendum:

Ref. PAGE:

Respiratory Protection:

Eye Protection: CHEMICAL SPASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED.

Skin Protection: WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

Other Clothing: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS. OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. CONSULT YOUR SAFETY

Other Equipment: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Engineering Controls: ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

10. HANDLING AND STORAGE



See Addendum:

Ref. PAGE:

Special Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES(VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

Other Precautions: ALL FIVE-GALLON PAILS AND LARGER METAL CONTAINERS SHOULD BE GROUNDED/BONDED DURING TRANSFER OF PRODUCT. ANY USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESSES SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH AND MAINTAIN SAFE OPERATING CONDITIONS.

11. REGULATORY INFORMATION



See Addendum:

Ref. PAGE:

Workplace Classification:

12. TOXICOLOGICAL INFORMATION



See Addendum:

Ref. PAGE:

Acute Data: NO INFORMATION

**Reproductive /
Teratology Data**

13. ECOLOGICAL INFORMATION



See Addendum:

Ref. PAGE:

Fate in the Environment: NO DATA.

14. DISPOSAL CONDITIONS



See Addendum:

Ref. PAGE:

Procedures: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. FOR ASSISTANCE WITH YOUR WASTE MANAGEMENT NEEDS - INCLUDING DISPOSAL, RECYCLING AND WASTE STREAM REDUCTION.

15. TRANSPORTATION INFORMATION



See Addendum:

Ref. PAGE:

DOT Classification: METHANOL, 3, UN1230, II. RQ

Warning Labels:

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

PRODUCT NAME: Torco Methanol

MSDS NUMBER:

MSDS DATE: 06/09/09

PRODUCT CODE:

KEY NUMBER:

16. OTHER INFORMATION

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

MATERIAL SAFETY DATA SHEET PAGE #: 5 OF 5

PRODUCT NAME: Torco Methanol

MSDS NUMBER:

MSDS DATE: 06/09/09

PRODUCT CODE:

KEY NUMBER:

ADDENDUM for Section - 5. HEALTH HAZARD DATA - Ref. Pg. 2

Signs And Symptoms Of Overexposure: STOMACH UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS), LEG CRAMPS, PAIN IN BACK AND LOWER ABDOMEN, BLURRED VISION, SHORTNESS OF BREATH, CYANOSIS (BLUISH SKIN), VISUAL IMPAIRMENT (INCLUDING BLINDNESS), COMA, DEATH.

ADDENDUM for Section - 8. SPILL OR LEAK PROCEDURES - Ref. Pg. 2

Spill Release Procedures: ELIMINATE ALL SOURCES OF IGNITION. EXCLUDE PERSONS W/O PROTECTIVE EQUIPMENT FROM SPILL AREA. STOP SPILL/LEAK. KEEP OUT OF DRAINS, SEWERS, STREAMS OR OTHER BODIES OF WATER. NOTIFY AUTHORITIES IF RUNOFF OCCURS. ABSORB ON VERMICULITE OR OTHER ABSORBENT MATERIAL. OR PUMP OR VACUUM TO CLEAN CONTAINERS FOR RECOVERY. TRANSFER CONTAMINATED

ABSORBENT, SOIL, ETC TO CONTAINER FOR DISPOSAL.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. FOR ASSISTANCE WITH YOUR WASTE MANAGEMENT NEEDS - INCLUDING DISPOSAL, RECYCLING AND WASTE STREAM REDUCTION.

Handling And Storage Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES(VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

Other Precautions: ALL FIVE-GALLON PAILS AND LARGER METAL CONTAINERS, INCLUDING TANK CARS AND TANK TRUCKS, SHOULD BE GROUNDED/BONDED DURING TRANSFER OF PRODUCT. ANY USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESSES SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH AND MAINTAIN SAFE OPERATING CONDITIONS.

ADDENDUM for Section - 9. SPECIAL PROTECTION INFORMATION - Ref. Pg. 3

Respiratory Protection: IF WORKPLACE EXPOSURE LIMITS OF PRODUCT OR ANY COMPONENT IS EXCEEDED. A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

PRODUCT NAME:

MSDS NUMBER:

MSDS DATE:

PRODUCT CODE:

KEY NUMBER:

ADDENDUM for Section -

ADDENDUM for Section -

ADDENDUM for Section -

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

PRODUCT NAME:

MSDS NUMBER:

MSDS DATE:

PRODUCT CODE:

KEY NUMBER:

ADDENDUM for Section -

ADDENDUM for Section -

ADDENDUM for Section -

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

PRODUCT NAME:

MSDS NUMBER:

MSDS DATE:

PRODUCT CODE:

KEY NUMBER:

ADDENDUM for Section -

ADDENDUM for Section -

ADDENDUM for Section -

Torco Race Fuels
1727 S. Mariposa Road
Apache Junction, AZ 85119
480-288-9385

PRODUCT NAME:

MSDS NUMBER:

MSDS DATE:

PRODUCT CODE:

KEY NUMBER:

ADDENDUM for Section -

ADDENDUM for Section -

ADDENDUM for Section -