MATERIAL SAFETY DATA SHEET

IDENTITY: Model Engine Fuel (Cool Power, Omega, Sidewinder)

Date Prepared: August 2003

SECTION I - MANUFACTURER

Mfg's Name: Morgan Inc
Address: 200 West Lee Street, Enterprise, AL 36330
Telephone #: (334)347-3525

SECTION II - HAZARDOUS COMPONENTS

Hazardous Components (Chemical Identity: Common Name) OSHA PEL ACGIH TLV Other
% by wt.
Methanol, Methyl alcohol, wood alcohol 23.6 - 83

| CAS #67-56-1 | 200ppm |
| 200ppm |

Nitromethane, nitrocarbol
0 - 55

| CAS-75-52-5 | 100ppm | 100ppm |

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: <1.001
Specific Gravity (H2O=1): @66F >.811 and

Vapor Pressure (mm Hg): @20 C 96 mm Hg
Freezing Point: < -80 F

Vapor Density (Air=1): 1.1
Evaporation Rate (butyl acetate): 4.6

Solubility in Water: 90%

Appearance and odor: thin, color-coded liquid with sweet alcohol odor

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Pt (method used): 40 F (Pensky-Martens)
Flammable limits: N/A LEL: 6% UEL:
36.5%

**Extinguishing Media:** Foam, dry chemical, carbon dioxide, water spray

**Special Fire Fighting Procedures:** Cool exposed containers with water. Water stream may be ineffective.

**Unusual Fire and Explosion Hazards:** Heat may cause containers to rupture, vapors can flow and flash back.

**NFPA Rating:** Health: 1 Flammability: 3 Reactivity: 0

<table>
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<th>SECTION V – REACTIVITY DATA</th>
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<tbody>
<tr>
<td>Stability:</td>
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<tr>
<td>Conditions to avoid:</td>
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**Incompatibility (Materials to Avoid):** Strong oxidants

**Hazardous Decomposition or By-Products:**

<table>
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<tr>
<th>Hazardous</th>
<th>May occur:</th>
<th>Conditions to Avoid:</th>
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| Polymerization              | Will Not Occur: X |

SECTION VI – HEALTH HAZARD DATA

Route of Entry: Inhalation? Common  Skin? Common  Ingestion? Possible

Health Hazards (Acute and Chronic): Methanol – LD50 (oral-rat) 5268 mg/kg; inhalation may be fatal; ingestion may cause blindness; Nitromethane – LD50 (ip-r-mouse) 110 mg/kg; chronic overexposure may cause kidney/liver damage.

Carcinogenicity: NTP? Nitromethane – Some evidence of carcinogenicity was noted in NTP tests. The effects were mammary tumors in female rats and benign tumors in mice. IARC Monographs?
Nitromethane: Class 2B

OSHA Regulated? Yes

Signs and symptoms of Exposure: Irritation to skin, eyes, nose, throat: narcosis

Medical Conditions (generally aggravated by exposure): Some liver conditions (inhalation)

Emergency and First Aid Procedures: Skin – wash with soap and water; Inhalation – remove to fresh air; Eyes – flush with clear water 15 minutes. Get prompt medical attention; Ingestion – if conscious, immediately induce vomiting. Get prompt medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken in Case Material Is Released or Spilled: Flammable – Avoid flame and sparks – Use adequate ventilation; Small amounts – flush to sewer with water; Large Amounts – use water spray to reduce vapors, absorb onto non combustible absorbent, place in containers.


Precautions to be Taken in Handling and Storing: Store in cool place with adequate ventilation – flammable class 1B

Other Precautions: Vapors and fumes are toxic as well as flammable

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type): NIOSH organic vapor respirator recommended

Ventilation: | Local Exhaust: Preferred | Special
| Mechanical (General): Usually satisfactory | Other:

Protective gloves: Rubber or PVC recommended | Eye Protection: Splash goggles recommended

Other Protective Clothing or Equipment: Not needed

Work/Hygienic Practices: Use ordinary safety / hygiene practices for mildly toxic, flammable materials
SECTION IX – TRANSPORTATION CLASSIFICATION AND INFORMATION

For all shipment containing 1 liter or more per unit, use the following classification:

Domestic Shipping:

Proper Shipping Name: Flammable liquid, n.o.s. (contains methanol and nitromethane)

Class: 3 Identification Number: UN1993 Packaging Group: II

Labels and Placards: Flammable Liquid

International Shipping:

Proper Shipping Name: Flammable liquid, toxic, n.o.s. (contains methanol and nitromethane)

Class: 3.2 Identification Number: UN1992 Packaging Group: II

Labels and Placards: Flammable Liquid and Toxic IMDG Page: 3232

Packaging:

For all shipments containing 1 liter or more per unit, UN certified packaging is required.

SECTION X – OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

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http://www.morganfuel.com/msds_fuels.htm

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