

MATERIAL DATA SAFETY SHEET

IDENTITY: Wildcat Fuels (Premium, Premium Extra, Promix, Helimix, 2/4 Cycle, Eliminator, Jet-A, Tigermix)

Date Prepared: March 1, 2006

SECTION I-MANUFACTURER

Mfg's Name: Wildcat Fuels  
Address: 2010 John C. Watts Dr.  
Nicholasville, KY 403569

For Emergencies involving spill, leak, for or exposure call CHEMTREC at  
1-800-424-300

Phone: 859-885-5619

SECTION II-HAZARDOUS COMPONENTS

Hazardous Components (Chemical Identity: Common Name) OSHA PEL ACGIH TLV  
Other % by wt.

Methanol,  
47-72

CAS # 67-56-1

200ppm

250ppm

Nitromethane  
10-30

CAS# 75-52-5

100ppm

Synthetic/Castor Oil Blend  
18-23

500ppm

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 64 to 101 C

Specific Gravity (H2O=1): 0.878

Vapor Pressure (mm Hg.): 1 to 96

Freezing Point: -80 F

Vapor Density (AIR= 1): Not Available

Evaporation Rate (butyl acetate): 4.6

Solubility in Water: Moderate to High

Appearance and Odor: Clear, colorless to reddish liquid, mild, fruity, musty, and/or characteristic odor.



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.

Waste Disposal Method: Incineration preferred – Dispose in accordance with federal, state and local regulations.

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: Chemical splash goggles or chemical resistant 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

Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Portions of this Material Safety Data Sheet are based upon component MSDS's supplied to Wildcat Fuels. Therefore, although reasonable care has been taken in the preparation of such information, Wildcat Fuels/CAE Inc., extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.