

MANSFILED OIL CO OF GAINESVILLE INC -- S401/402GASOLINE,MIDGRADE
UNLEADED,UNBRANDED(RFG W/ETHANOL) -- 9130-00-148-7103

===== Product Identification =====

Product ID:S401/402GASOLINE,MIDGRADE UNLEADED,UNBRANDED(RFG W/ETHANOL)

MSDS Date:12/16/1998

FSC:9130

NIIN:00-148-7103

MSDS Number: CBRVX

=== Responsible Party ===

Company Name:MANSFILED OIL CO OF GAINESVILLE INC

Address:1025 AIRPORT PKY SW

City:

GAINESVILLE

State:GA

ZIP:30505-0198

Country:US

Info Phone Num:404-532-7571

Emergency Phone Num:404-532-7571

CAGE:2Y744

=== Contractor Identification ===

Company Name:MANSFILED OIL CO OF GAINESVILLE INC

Address:1025 AIRPORT PKY SW

Box:City:GAINESVILLE

State:GA

ZIP:30505-0198

Country:US

Phone:404-532-7571

CAGE:2Y744

===== Composition/Information on Ingredients =====

Ingred Name:GASOLINE

CAS:8006-61-9

RTECS #:LX3300000

Fraction by Wt: 89-90%

Other REC Limits:NONE RECOMMENDED

OSH

A PEL:300 PPM
ACGIH TLV:300 PPM/500STEL;9495

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 10-11%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9495

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 4-9%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88
-3
RTECS #:XS5250000
Fraction by Wt: 4-7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA 313)
CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: 0-3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9495

Ingred Name:BENZENE (SARA 313) (CERCLA)
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: 0-2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1028
ACGIH TLV:10 P

PM; A2; 9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:ETHYL BENZENE (SARA 313)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 0-2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/125STEL;9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CYCLOHEXANE (SARA 313) (CERCLA)
CAS:110-82-7
RTECS #:GU6300000
Fraction by Wt: 0-1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM, 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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= Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.DIRECT
CONTACT MAY CAUSE DAMAGE TO THE EPITHELIUM.SKIN:MAY CAUSE
IRRITATION AND DEFATTING.HIGH PRESSURE INJECTIONS ARE A SERIOUS
MEDICAL EMERGENCY.INGEST:MAY CAUSE GI TRACT I RRRITATION AND CNS
EFFECTS.ASPIRATION HAZARD.INHAL:MAY CAUSE RESPIRATORY
IRRITATIO
N,CNS EFFECTS,IRREGULAR HEARTBEAT.SUPPL
Explanation of Carcinogenicity:CONTAINS BENZENE [71-43-2] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A
CARCINOGEN.GASOLINE IS IARC-2B.
Effects of Overexposure:INGEST:NAUSEA,VOMITING,DIARRHEA.CNS EFFECTS
INCLUDE EXCITIATION,EUPHORIA,HEADACHE,DIZZNESS,DROWSINESS,BLURRED
VISION,FATIGUE,TREMORS,CONVULSIONS.SKIN:REDNESS,ITCHING,INFLAMMATIO
N,CRACKING,SECONDARY BU RNS.EYES:REDNESS,PAIN,BLURRED
VISION,LACRIMATION,CONJUNCTIVIT

IS. INHAL: SYMPTOMS ARE SIMILAR TO THOSE LISTED FOR INGEST.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING LIVER AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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===== First Aid Measures =====

First Aid: SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER. HIGH PRESSURE INJECTION IS A MEDICAL EMERGENCY. EYES: FLUSH WITH WATER FOR 15 MINUTES. CALL DOCTOR FOR IRRITATION. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL ATTENTION. INGEST: DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION. NOTE: VICTIM MAY HAVE INCREASED SENSITIVITY TO CATECHOLAMINES.

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===== Fire Fighting Measures =====

Flash Point Method: TCC

Flash Point: -35F, -37C

Autoignition Temp: Autoignition Temp Text: 792F

Lower Limits: 1.4

Upper Limits: 19

Extinguishing Media: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM, ALL PURPOSE AFFF. WATER MAY BE AN INEFFECTIVE EXTINGUISHANT.

Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard: VAPORS ARE HEAVIER THAN AIR, CAN TRAVEL DISTANCES ALONG THE GROUND, AND FLASHBACK AT THE SOURCE. DECOMPOSITION PRODUCT MAY BE TOXIC.

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===== Accidental Release Measures =====

Spill Release Procedures: ELIMINATE SOURCES OF IGNITION. USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT. SHUT OFF LEAK IF SAFE. DIKE. SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT (CLAY, SAND); PLACE IN PROPER CONTAINER FOR DISPOSAL. WASH SPILL AREA TO REMOVE SLIPPINESS.

Neutralizing Agent: NOT APPLICABLE.

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===== Handling and Storage =====

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions: EMPTY CON

TAINERS MAY CONTAIN HAZARDOUS
RESIDUE;DISPOSE OF PROPERLY.NEVER STORE IN GLASS OR UNAPPROVED
CONTAINERS.GROUND CONTAINERS WHEN TRASFERRING LIQUIDS.DO NOT USE
FOR ANY UNINTENDED PURPOSE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR
A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,DEPENDING ON
THE AIRBORN CONCEN

TRA TION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)
VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Safety and Health

CHRONIC HEALTH HAZARDS:M

AY DAMAGE LIVER AND KIDNEYS.BENZENE MAY DAMAGE
HEMATOPOETIC ORGANS(BLOOD FORMING) CAUSING ANEMIA,LEUKEMIA AND
PANCYTOPENIA.ETHANOL MAY CAUSE REPRODUCTIVE DAMAGE,BRAIN,KIDNEY,LI
VER,HEART EFFECTS.SOLVENT SNIFFING CAN PRODUCE DELIRIUM,BEHAVIORAL
CHANGES,CNS DAMAGE.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:80-440F

Vapor Pres:827

Vapor Density:1.24

Spec Gravity:0.72-0.74

Evaporation Rate & Reference:>1 WATER=1

Solubility i

n Water:APPRECIABLE

Appearance and Odor:CLEAR LIQUID WITH A STRONG HYDROCARBON ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS AND ALKALI METALS.AVOID STRONG ACIDS AND BASES.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE AND
REACTIVE HYDROCARBONS.

===== Disposal Considerati

ons =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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