

MANSFILED OIL CO OF GAINESVILLE INC -- S401/402GASOLINE,MIDGRADE
UNLEADED,UNBRANDED(RFG W/ETHANOL) -- 9130-01-089-6745

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

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

MSDS Date:12/16/1998

FSC:9130

NIIN:01-089-6745

MSDS Number: CBSGJ

=== 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

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

Ingred Name:GASOLINE

CAS:8006-61-9

RTECS #:LX3300000

Fraction by Wt: 89-90%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM/500STEL;9495

Ingred Name:ETHYL A

LCOHOL (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 R
ECOMMENDED
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 PPM; A2; 9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:E

THYL 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

===== 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

IRRITATION,CNS EFFECTS,IRREGULAR HEARTBEAT.SUPPL

Explanation of Carcinogen

icity: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,CONJUNCTIVITIS.INHAL:SYMPTOMS ARE SIMILAR TO

THOSE LISTED FOR INGEST.

Med

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

===== 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.

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

Flash Point Method: TCC
Flash Point: -37.2C, -35.F
Autoignition Temp: 422.2C, 792.F
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.

===== 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 ABSORBENT (CLAY, SAND); PLACE IN PROPER CONTAINER FOR DISPOSAL. WASH SPILL AREA TO REMOVE SLIPPINESS.
Neutralizing Agent: NOT APPLICABLE.

===== 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 CONTAINERS MAY CONTAIN HAZARDOUS RESIDUE; DISPOSE OF PROPERLY. NEVER STORE

IN GLASS OR UNAPPROVED
CONTAINERS.GROUND CONTAINERS WHEN TRANFERRING 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 CONCENTRA TION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERA
L)
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:MAY DAMAGE LIVER AND KIDNEYS.BENZENE MAY DAMAGE
HEMATOPOETIC ORGANS(BL
OOD 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:F1
Boiling Pt:=26.7C, 80.F
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 in 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 Considerations =====

Waste Disposal Methods:DISPOSE OF

IN ACCORDANCE WITH FEDERAL, STATE AND
LOCAL REGULATIONS.

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