


**Material Safety
Data Sheets**

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Division of Facilities Services

DOD Hazardous Material Information (ANSI Format) For Cornell University Convenience Only

UNLEADED GASOLINE

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Section 1 - Product and Company Identification UNLEADED GASOLINE

Product Identification: UNLEADED GASOLINE

Date of MSDS: 12/01/1985 **Technical Review Date:** 11/09/1993

FSC: 9130 **NIIN:** 00-148-0983

Submitter: D DG

Status Code: C

MFN: 01

Article: N

Kit Part: N

Manufacturer's Information

Manufacturer's Name: BLOOMFIELD REFINING COMPANY

Post Office Box: 159

Manufacturer's Address1:

Manufacturer's Address2: BLOOMFIELD, NM 87413

Manufacturer's Country: US
General Information Telephone:
Emergency Telephone: N/P
Emergency Telephone: N/P
MSDS Preparer's Name: JIM STOFFLER
Proprietary: N
Reviewed: Y
Published: Y
CAGE: 0B3K9
Special Project Code: N

Item Description

Item Name: GASOLINE, UNLEADED
Item Manager: S9F
Specification Number: NK
Type/Grade/Class: NK
Unit of Issue: GL **Quantitative Expression:** NK
Unit of Issue Quantity: BULK
Type of Container: BULK

Contractor Information

Contractor's Name: BLOOMFIELD REFINING CO, SUB OF GARY ENERGY CORP
Contractor's Address1: NO 50 RD 4990
Contractor's Address2: BLOOMFIELD, NM 87413
Contractor's Telephone: 505-632-8013
Contractor's CAGE: 0B3K9

Section 2 - Compositon/Information on Ingredients UNLEADED GASOLINE

Ingredient Name: BENZENE (SARA III)
Ingredient CAS Number: 71-43-2 **Ingredient CAS Code:** M
RTECS Number: CY1400000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: 1 %
% Enviromental Weight:
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1PPM/5STEL;1910.1028 **OSHA PEL Code:** M
OSHA STEL: OSHA STEL Code:
ACGIH TLV: 10 PPM; A2; 9293 **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity: 10 LBS
DOT Reporting Quantity: 10 LBS

Ozone Depleting Chemical: N

Ingredient Name: GASOLINE

Ingredient CAS Number: 8006-61-9 Ingredient CAS Code: M

RTECS Number: LX3300000 RTECS Code: M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 100 %

% Environmental Weight:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 300 PPM/500 STEL OSHA PEL Code: M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: 300 PPM/500STEL;9293 ACGIH TLV Code: M

ACGIH STEL: N/P ACGIH STEL Code:

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview UNLEADED GASOLINE

Health Hazards Acute & Chronic: REPEATED OR PROLONGED EXPOSURE TO HIGH CONCENTRATION OF VAPOR MAY CAUSE PULMONARY IRRITATION, HEADACHE, DIZZINESS, NAUSEA, INCOORDINATION, LOSS OF CONSCIOUSNESS, NAUSEA, VOMITING, DIARRHEA, RESTLESSNESS, ASPIRATION HAZARD, SEVERE LUNG DAMAGE, SKIN IRRITATION, DERMATITIS, EYE IRRITATION

Signs & Symptoms of Overexposure:

HEADACHE, DIZZINESS, NAUSEA, INCOORDINATION, LOSS OF CONSCIOUSNESS, VOMITING, DIARRHEA, RESTLESSNESS, ASPIRATION HAZARD, LUNG DAMAGE, SKIN IRRITATION, DERMATITIS, EYE IRRITATION.

Medical Conditions Aggravated by Exposure:

PRE-EXISTING SKIN CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

LD50 LC50 Mixture: TLV 300 PPM 8-HR TWA

Route of Entry Indicators:

Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Indicators

NTP: YES

IARC: YES

OSHA: YES

Carcinogenicity Explanation: CONTAINS B [71-43-2] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Section 4 - First Aid Measures
UNLEADED GASOLINE

First Aid:

INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION. SKIN: FLUSH WITH WATER. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYE: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. GET MEDICAL ATTENTION.

Section 5 - Fire Fighting Measures
UNLEADED GASOLINE

Fire Fighting Procedures:

DO NOT USE A DIRECT STREAM OF WATER PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Unusual Fire or Explosion Hazard:

CLEAR FIRE AREA OF UNPROTECTED PERSONNEL AND ISOLATE. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR INCLUDING POSITIVE PRESSURE SCBA.

Extinguishing Media:

WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE

Flash Point: Flash Point Text: -40F,-40C

Autoignition Temperature:

Autoignition Temperature Text: N/K

Lower Limit(s): 1.3 %

Upper Limit(s): 7.6 %

Section 6 - Accidental Release Measures
UNLEADED GASOLINE

Spill Release Procedures:

ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. WEAR PERSONAL PROTECTIVE EQUIPMENT. SHUT OFF SOURCE OF LEAK IF POSSIBLE. CONTAIN SPILL. REMOVE USING VACUUM AND /OR ABSORBENT MATERIAL. KEEP OUT OF WATERCOURSES.

Section 7 - Handling and Storage
UNLEADED GASOLINE

Handling and Storage Precautions:

Other Precautions:

Section 8 - Exposure Controls & Personal Protection
UNLEADED GASOLINE

Respiratory Protection:

IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA

APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:

USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:

IMPERVIOUS RECOMMENDED

Eye Protection: SAFETY GLASSES, FACE SHIELD

Other Protective Equipment: PROTECTIVE CLOTHING TO MINIMIZE SKIN CONTACT

Work Hygienic Practices: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Health & Safety Information: NOTE TO PHYSICIAN: IF MORE THAN 2.0 ML PER KG HAS BEEN INGESTED AND VOMITING HAS NOT OCCURED, EMESIS SHOULD BE INDUCED WITH MEDICAL SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS OR UNCONSCIOUSNESS OCCUR BEFORE EMESIS, USE GASTRIC LAVAGE.

Section 9 - Physical & Chemical Properties
UNLEADED GASOLINE

HCC: F2
NRC/State License Number:
Net Property Weight for Ammo:
Boiling Point: Boiling Point Text: 100F,38C
Melting/Freezing Point: Melting/Freezing Text: NOT GIVEN
Decomposition Point: Decomposition Text: UNKNOWN
Vapor Pressure: 9-15 PSI Vapor Density: 3.5
Percent Volatile Organic Content:
Specific Gravity: 0.71 - 0.74
Volatile Organic Content Pounds per Gallon:
pH: N/K
Volatile Organic Content Grams per Liter:
Viscosity: UNKNOWN
Evaporation Weight and Reference: NOT GIVEN
Solubility in Water: NEGLIGIBLE
Appearance and Odor: COLORLESS, CLEAR AND BRIGHT LIQUID. CHARACTERISTIC PETROLEUM-HYDROCARBON ODOR.
Percent Volatiles by Volume: 100 %
Corrosion Rate: UNKNOWN

Section 10 - Stability & Reactivity Data
UNLEADED GASOLINE

Stability Indicator: YES
Materials to Avoid:
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:
AVOID HEAT, SPARKS, OPEN FLAMES
Hazardous Decomposition Products:
CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS
Hazardous Polymerization Indicator: NO
Conditions to Avoid Polymerization:
NONE. WILL NOT OCCUR.

Section 11 - Toxicological Information

UNLEADED GASOLINE

Toxicological Information:N/P

Section 12 - Ecological Information**UNLEADED GASOLINE**

Ecological Information:N/P

Section 13 - Disposal Considerations**UNLEADED GASOLINE**

Waste Disposal Methods:

PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Section 14 - MSDS Transport Information**UNLEADED GASOLINE**

Transport Information:N/P

Section 15 - Regulatory Information**UNLEADED GASOLINE**

SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:N/P

Section 16 - Other Information**UNLEADED GASOLINE**

Other Information:

N/P

HMIS Transportation Information**Product Identification: UNLEADED GASOLINE****Transportation ID Number: 50927****Responsible Party CAGE: 0B3K9****Date MSDS Prepared: 12/01/1985****Date MSDS Reviewed: 11/09/1993****MFN: 11/09/1993****Submitter: D DG****Status Code: C****Container Information****Unit of Issue: GL****Container Quantity: BULK****Type of Container: BULK****Net Unit Weight: BULK**

UNLEADED GASOLINE**Article without MSDS: N****Technical Entry NOS Shipping Number:****Radioactivity:****Form:****Net Explosive Weight:****Coast Guard Ammunition Code:****Magnetism: N/P****AF MMAC Code:****DOD Exemption Number:****Limited Quantity Indicator:****Multiple Kit Number: 0****Kit Indicator: N****Kit Part Indicator: N****Review Indicator: Y****Additional Data:****FILM OR SHEEN UPON THE WATER SURFACE OR DISCOLORATION OF THE WATER OR ADJOINING SHORELINE IS REPORTABLE TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802.****Department of Transportation Information****DOT Proper Shipping Name: GASOLINE****DOT PSN Code: GTN****Symbols:****DOT PSN Modifier:****Hazard Class: 3****UN ID Number: UN1203****DOT Packaging Group: II****Label: FLAMMABLE LIQUID****Special Provision(s): B33,B101,T8****Packaging Exception:****Non Bulk Packaging: 202****Bulk Packaging: 242****Maximum Quantity in Passenger Area: 5 L****Maximum Quantity in Cargo Area: 60 L****Stow in Vessel Requirements: E****Requirements Water/Sp/Other:****IMO Detail Information****IMO Proper Shipping Name: GASOLINE****IMO PSN Code: HRV****IMO PSN Modifier:****IMDG Page Number: 3141****UN Number: 1203****UN Hazard Class: 3.1****IMO Packaging Group: II****Subsidiary Risk Label: -****EMS Number: 3-07****Medical First Aid Guide Number: 311****IATA Detail Information****IATA Proper Shipping Name: GASOLINE****IATA PSN Code: MUC****IATA PSN Modifier:****IATA UN Id Number: 1203****IATA UN Class: 3****Subsidiary Risk Class:****UN Packaging Group: II**

UNLEADED GASOLINE

IATA Label: FLAMMABLE LIQUID
Packaging Note for Passengers: 305
Maximum Quantity for Passengers: 5L
Packaging Note for Cargo: 307
Maximum Quantity for Cargo: 60L
Exceptions: A100

AFI Detail Information

AFI Proper Shipping Name: GASOLINE
AFI Symbols:
AFI PSN Code: MUC
AFI PSN Modifier:
AFI UN Id Number: UN1203
AFI Hazard Class: 3
AFI Packing Group: II
AFI Label:
Special Provisions: P5
Back Pack Reference: A7.3

HAZCOM Label Information

Product Identification: UNLEADED GASOLINE
CAGE: 0B3K9
Assigned Individual: N
Company Name: BLOOMFIELD REFINING CO, SUB OF GARY ENERGY CORP
Company PO Box:
Company Street Address1: NO 50 RD 4990
Company Street Address2: BLOOMFIELD, NM 87413 US
Health Emergency Telephone:
Label Required Indicator: Y
Date Label Reviewed: 11/09/1993
Status Code: C
Manufacturer's Label Number: NONE
Date of Label: 11/09/1993
Year Procured: N/K
Organization Code: F
Chronic Hazard Indicator: Y
Eye Protection Indicator: YES
Skin Protection Indicator: YES
Respiratory Protection Indicator: N/P
Signal Word: DANGER
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None

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