

U S OIL AND REFINING CO -- REGULAR UNLEADED GASOLINE -- 9130-00-148-7104

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Product Identification  
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Product ID:REGULAR UNLEADED GASOLINE

MSDS Date:10/01/1985

FSC:9130

NIIN:00-148-7104

MSDS Number: BPHGQ

=== Responsible Party ===

Company Name:U S OIL AND REFINING CO

Address:3001 MARSHALL AVE E

City:TACOMA

State:WA

ZIP:98421-3118

Country:US

Emergency Phone Num:253-383-1651

CAGE:6E780

=== Con

tractor Identification ===

Company Name:TRUE NORTH ENERGY CO

Address:180 E OCEAN BLVD NO 906

Box:City:LONG BEACH

State:CA

ZIP:90802-4760

Country:US

CAGE:0NFP0

Company Name:U S OIL AND REFINING CO

Address:3001 E MARSHALL AVE

Box:2255

City:TACOMA

State:WA

ZIP:98401-2255

Country:US

Phone:253-383-1651/FAX: 253-383-9970

CAGE:6E780

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Composition/Information on Ingredients  
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Ingred Name:GASOLINE

CAS:8006-61-9

RTECS #:LX3300000

Fraction by Wt: 100%

Other REC Limits:NONE RECOM

MENDED  
OSHA PEL:300 PPM/500 STEL  
ACGIH TLV:300 PPM/500STEL;9293

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE-INHALATION: PROLONGED EXPOSURE  
MAY CAUSE SYMPTOMS OF CENTRAL NERVOUS SYSTEM DEPRESSION. EYE: EYE  
IRRITATION MAY RESULT FROM CONTACT WITH LIQUID. SKIN: SKIN  
IRRITATION. CHRONIC\_EXPOSURE TO HIGH LEVELS OF GASOLINE VAPORS MAY  
CAUSE ASPHYXIATION, SKIN IRRI  
TATION, CENTRAL NERVOUS SYSTEM  
DEPRESSION, & CHEMICAL PNEUMONI  
Explanation of Carcinogenicity:A LAB STUDY DONE BT API HAS SHOWN THAT  
RATS & MICE DEVELOPED CANCER AFTER CHRONIC INHALATION TO VAPORS OF  
UNLEADED GAS.  
Effects of Overexposure:INHALATION: DIZZINESS, INCOORDINATION,  
DROWSINESS, COMA AND DEATH. SKIN: DERMATITIS MAY OCCUR UPON  
PROLONGED CONTACT DUE TO SKIN DEFATTING.INGESTION: NAUSEA,  
VOMITING, DIARRJEA AND RESTLESSNESS.  
Medical Cond Aggravated by Exposure:NONE SP  
ECIFIED BY MANUFACTURER.

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

First Aid:INHALATION-REMOVE FROM ARE TO FRESH AIR. GIVE OXYGEN OR  
ADMINISTER CPR, IF NEEDED. OBTAIN PROMPT MEDICAL ATTENTION.  
EYE-FLUSH WITH CLEAN WATER FOR AT LEAST 15 MIN. IF IRRITATION  
PERSISTS, OBTAIN MEDICAL ATTENTION. SKIN-QUICKLY REMOVE  
SOILED CLOTHES. WASH AREA WITH SOAP & WATER. IF IRRITATION PERSISTS,  
OBTAIN MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING. MUST  
OBTAIN MEDICAL ATTENTION.

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

Flash Point Method:TCC  
Flash Point:-45F,-43C  
Autoignition Temp:Autoignition Temp Text:>600F  
Lower Limits:1.3%  
Upper Limits:8.2%  
Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE, HALON. WATER  
FOG OR WATER SPRAY ARE OF VALUE FOR COOLING, BUT MAY NOT  
EXTINGUISH.  
Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED FIRE SPACE WITHOUT  
PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BRE

ATHING

APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE! THIS MATERIAL RELEASES VAPORS AT OR BELOW AMBIENT TEMPERATURE. WHEN MIXED WITH AIR & EXPOSED TO IGNITION SOURCES VAPORS CAN BURN OR EXPLODE

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

Spill Release Procedures:CONTAIN SPILL. REMOVE ALL IGNITION SOURCES & SAFELY STOP FLOW. IN URBAN AREAS, CLEANUP ASAP; IN NATURAL ENVIRONMENT, SEEK ADVICE FROM E COLOGIST. EVACUATE ALL PERSONNEL. USE PROPER PROTECTIVE EQUIPMENT . \*\*\*CONTINUES IN OTHER PRECAUTIONS\*\*\*

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS & OPEN FLAMES. KEEP CONTAINERS CLOSED! GROUND ALL DRUMS & TRANSFER VESSELS WHEN HANDLING. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:BALNKET WITH FOAM OR USE WATER FOG TO DISPERSE VAPORS. PADS/ABSORBENT MATERIAL CAN BE USED. GASOLINE WILL FLOAT ON

WTAER AND RESULTING RUNOFF MAY CREATE AN EXPLOSION OR FIRE HAZARD. NOTIFY NATIONAL RE SPONSE CENTER (800/424-8802).

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

Respiratory Protection:AN APPROVED ORGANIC VAPOR RESPIRATOR, SUPPLIED AIR, OR SELF-CONTAINED BREATHING APPARATUS MUST BE USED WHEN VAPOR CONCENTRATIONS EXCEED THE OCCUPATIONAL EXPOSURE LIMITS.

Ventilation:USE ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATIONS OF THIS MATERIAL BELOW TH E OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:CLEAN & IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL TYPE GOGGLES &/OR FACE SHIELD

Other Protective Equipment:WEAR CLEAN & IMPERVIOUS PROTECTIVE CLOTHING SUCH AS GLOVES, APRON, BOOTS AND FACIAL PROTECTION SHOULD BE WORN.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICES. IMMEDIATELY REMOVE SOILED CLOTHING & WASH THOROUGHLY BEFORE REUSE. DISCARD SHOES.

Supplemental Safety and Health

NOTE TO PHYSICIAN: TOXIC SIGNS AND SYMPTOMS M

AY FOLLOW CONTACT WITH

SKIN OVER LARGE AREAS OF THE BODY, INHALATION OF VAPORS OR  
INGESTION. PRIMARY HAZARD: INHALATION OF VAPORS. INGESTION, OF  
LIQUID & A SPIRATION INTO THE LUNGS MAY RESULT IN CHEMICAL  
PNEUMONIA.

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

HCC:F1

Boiling Pt:=21.1C, 70.F

B.P. Text:70 TO 440F

Melt/Freeze Pt:M.P/F.P Text:N/AP

Decomp Temp:Decomp Text:N/AP

Vapor Pres:8-15 PSIA

Vapor Density:N/AP

Spec Gravity:0.72 TO 0.77

pH:N/AP

Viscosity:

N/AP

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:SLIGHT.

Appearance and Odor:COLORLESS TO STRAW-COLORED LIQUID; PETROLEUM  
NAPHTHA ODOR.

Percent Volatiles by Volume:APPREC

Corrosion Rate:N/AP

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH STRONG ACIDS AND STRONG OXIDIZING MATERIALS.

Stability Condition to Avoid:HEAT, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:BURNING

OR EXCESSIVE HEATING MAY

PRODUCE CARBON MONOXIDE AND OTHER HARMFUL GASES AND VAPORS.

===== Disposal Considerations =====

Waste Disposal Methods:MAXIMIZE PRODUCT RECOVERY FOR REUSE PRIOR TO  
DISPOSAL. DISPOSE OF PRODUCT, CONTAMINATED MATERIAL, & STORAGE TANK  
WATER BOTTOMS AS AN EPA "IGNITABLE HAZARDOUS WASTE" (D001), UNLESS  
PROVEN OTHERWISE. CO MPLY WITH ALL LAWS.

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mation is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.