

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

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

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

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

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 IRRITATION, CENTRAL NERVOUS SYSTEM
DEPRESSION, & CHEMICAL PNEUMONIA
Explanation of Carcinogenicity:A LAB STUDY DONE BY 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, DIARRHEA AND RESTLESSNESS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION-REMOVE FROM AREA 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 BREATHING

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.