

U S OIL AND REFINING CO -- REGULAR UNLEADED GASOLINE -- 9130-00-148-7103

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

Product ID:REGULAR UNLEADED GASOLINE

MSDS Date:10/01/1985

FSC:9130

NIIN:00-148-7103

MSDS Number: BPHGM

=== 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

=== Contractor Identification ===

Company Name:TRUE NORTH ENERGY CO

Add

ress: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 RECOMMENDED

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 PNEUMO

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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 APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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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 ECOLOGIST. 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:BLANKET WITH FOAM OR USE WATER FOG TO DISPERSE
VAPORS. PADS/ABSORBENT MATERIAL CAN BE USED. GASOLINE WILL FLOAT ON
WATER AND RESULTING RUNOFF MAY CREATE AN EXPLOSION
OR FIRE HAZARD.
NOTIFY NATIONAL RESPONSE 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 THE 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 MAY FOLLOW CONTACT WITH
SKIN OVER LARGE AREAS OF THE BODY, IN

HALATION 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:MAXAMIZE 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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