

TOSCO REFINERY -- UNLEADED REGULAR GASOLINE MIN. 87 OCTANE -- 9130-00-148-7104

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

Product ID:UNLEADED REGULAR GASOLINE MIN. 87 OCTANE

MSDS Date:04/01/1983

FSC:9130

NIIN:00-148-7104

MSDS Number: BPKSK

=== Responsible Party ===

Company Name:TOSCO REFINERY

Address:2300 CLAYTON ROAD SUITE 1100

City:CONCORD

State:CA

ZIP:94520-2466

Country:US

Info Phone Num:510-602-4000

Emergency Phone Num:510-602-4000

CAGE:TOSCO

=== Contractor Identi

fication ===

Company Name:TOSCO REFINERY

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Box:City:CONCORD

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CAGE:TOSCO

===== 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

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: PROLONGED OR REPEATED CONTACT MAY CAUSE DRYNESS OF THE SKIN WHICH CAN RESULT IN DERMATITIS OR MORE SERIOUS SKIN DISORDERS. VAPORS OR MISTS MAY CAUSE PULMONARY IRRITATION, DIZZINESS, NAUSEA OR UNCONSCIOUSNESS, PARTICULARLY IN CONFINED SPACES. SIMILAR HYDROCARBON MIXTURES, HAVE CAUSED SKIN CANCERS IN TEST ANIMALS.

Explanation of Carcinogenicity: THERE IS NO EVIDENCE THAT THIS

PARTICULAR MIXTURE IS CARCINOGENIC TO ANIMALS OR HUMANS, GOOD PERSONAL HYGIENE IS ADVISED

Effects of Overexposure: EYE-EYE IRRITATION. SKIN-PROLONGED/REPEATED CONTACT MAY CAUSE SKIN IRRITATION, DERMATITIS.

INHALATION-RESPIRATORY IRRITATION, BRONCHOPNEUMONIA, DIZZINESS, CENTRAL NERVOUS SYSTEM DEPRESSION, UNCONSCIOUSNESS.

INGESTION-GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA, CENTRAL NERVOUS SYSTEM DEPRESSION, RESTLESSNESS

Medical Condition Aggravated by Exposure:

NONE SPECIFIED BY MANUFACTURER.

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

First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MIN. OBTAIN MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IN CASE OF RESPIRATORY DISTRESS, GIVE OXYGEN OR ARTIFICIAL RESPIRATION. OBTAIN MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. ASPIRATION INTO LUNGS WILL CAUSE SEVERE CHEMICAL PNEUMONIA.

IMMEDIATELY OBTAIN MEDICAL ATTENTION

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

Flash Point Method: TCC

Flash Point: -45F, -43C

Autoignition Temp: Autoignition Temp Text: UNKNOWN

Lower Limits: 1.3%

Upper Limits: 8.2%

Extinguishing Media: FOAM, DRY CHEMICAL & CARBON DIOXIDE. WATER FOG OR WATER ARE OF VALUE FOR COOLING, BUT MAY NOT ACHIEVE EXTINGUISHMENT.

Fire Fighting Procedures: FOR FIRES INVOLVING THIS MATERIAL, DO NOT ENTER ANY ENCLOSED FIRE SPACE WITHOUT PRO

PER PROTECTIVE EQUIPMENT,  
SUCH AS SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. MATERIAL RELEASE  
FLAMMABLE VAPORS. VAPORS ARE HEAVIER THAN AIR & INVISIBLE. VAPORS  
MAY CREATE AN EXPLOSION HAZARD. CONTAINERS MAY RUPTURE.

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

Spill Release Procedures:STOP FLOW OF MATERIAL. REMOVE ALL IGNITION  
SOURCES. CONTAIN SPILL USING SAND OR ABSORBENT MATERIAL. FLUSH  
CONTAMINATED AREA WITH WATER. EVACUATE NONESSENTIAL PERSONNEL FROM  
THE AREA. RUN-OFF MAY CREATE AN EXPLOSION HAZARD.  
Neutralizing Agent:NA

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

Handling and Storage Precautions:KEEP AWAY FROM SPARKS, OPEN FLAMES &  
HEAT. KEEP CONTAINERS CLOSED. USE ONLY WITH ADEQUATE VENTILATION.  
Other Precautions:ALL ELECTRICAL EQUIPMENT IN STORAGE/USE AREAS SHOULD  
BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE. USE  
GOOD PERSONAL HYGIENE  
PRACTICES. CONTAMINATED CLOTHING SHOULD BE  
LAUNDERED BEFORE REUSE.

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

Respiratory Protection:NONE NEEDED UNDER CONDITIONS WITH ADEQUATE  
VENTILATION. IF EXPOSURE EXCEEDS TLV, NIOSH-APPROVED RESPIRATORS  
WHICH MEET GISO 5144 MUST BE WORN.

Ventilation:USE ADEQUATE VENTILATION (NATURAL OR MECHANICAL) TO KEEP  
VAPOR CONCENTRATIONS OF THIS MATERIAL BELOW TLV OF 300 PPM.

Protective Gloves:NBR OR VITON

Eye Protection:CHEMI

CAL SPLASH GOGGLES/FACE MASK

Other Protective Equipment:IF CONDITIONS OF USE PRESENT DANGER OF SKIN  
EXPOSURE, USE RUBBER OR VINYL BOOTS AND CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO  
NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON  
LABEL BEFORE USE.

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

HCC:F2

Boiling Pt:B.P. Text:0F,-18C

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NA

Vapor Pres:8-15 PSIA

Vapor Density:3.4-3.6

Spec Gravity:0.71-0.78

pH:NA

Viscosity:NA

Evaporation Rate & Reference:> 1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID; GASOLINE ODOR.

Percent Volatiles by Volume:>95%

Corrosion Rate:NA

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

Stability Indic

ator/Materials to Avoid:YES

STRONG OXIDIZERS SUCH AS LIQUID CHLORINE AND OXYGEN.

Stability Condition to Avoid:HIGH TEMPERATURES, SOURCES OF IGNITION,  
OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE MAY BE FORMED FROM  
INCOMPLETE COMBUSTION.

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

Waste Disposal Methods:USE ABSORBENT MATERIAL SUCH AS CLAY OR  
DIATOMACEOUS EARTH TO CLEAN UP SPILL. DISPOSE OF CONTAMINATED  
MATERIAL IN AN APPROVED DISPOSAL SIT

E. COMPLY WITH ALL FEDERAL,  
STATE AND LOCAL WASTE DISPOSAL REGU LATIONS.

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