

KOCH REFINING CO. -- GASOLINE,REGULAR LEADED -- 9130-00-264-6218

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Product Identification
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Product ID:GASOLINE,REGULAR LEADED

MSDS Date:03/01/1988

FSC:9130

NIIN:00-264-6218

MSDS Number: BGWLZ

=== Responsible Party ===

Company Name:KOCH REFINING CO.

Address:SUNTIDE RD

Box:2608

City:CORPUS CHRISTI

State:TX

ZIP:78403

Info Phone Num:316-832-6872

Emergency Phone Num:316-832-6872

Preparer's Na

me:DALE F. JAWES

CAGE:3V260

=== Contractor Identification ===

Company Name:KOCH REFINING CO INC

Address:SUNTIDE RD

Box:2608

City:CORPUS CHRISTI

State:TX

ZIP:78403

Country:US

Phone:512-241-4811

CAGE:3V260

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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:100 PPM

OSHA PEL:300 PPM/500 STEL

ACGIH TLV:300 PPM/500STEL;9192

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fracti

on by Wt: 1.8%
OSHA PEL:1PPM/5STEL;1910.1028
ACGIH TLV:10 PPM; A2; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:PARAFFINS
Fraction by Wt: 48%
Other REC Limits:100 PPM

Ingred Name:OLEFINS
Fraction by Wt: 15%
Other REC Limits:100 PPM

Ingred Name:NAPHTHENES
Fraction by Wt: 7%
Other REC Limits:100 PPM

Ingred Name:OTHER AROMATIC HYDROCARBONS
Fraction by Wt: 28%
Other REC Limits:100 PPM

Ingred Name:TETRAETHYL LEAD (SARA III)
CAS:78-00-2
RTECS #:TP4550000
OSHA PEL:S, 0.075MG/M3(PB)
ACGI
H TLV:S, 0.1 MG/M3(PB)9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:ORAL RAT 18,800 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO
EYES,SKIN,RESPIRATORY TRACT AND DEPRESSES THE CENTRAL NERVOUS
SYSTEM. CHRONIC OVER EXPOSURE MAY CAUSE LIVER,KIDNEY, OR CENTRAL
NERVOUS SYSTEM

DAMAGE.

Explanation of Carcinogenicity:CONTAINS LEAD & BENZENE;LISTED BY ALL THREE. ALSO,AN API STUDY FOUND LIVER CANCER IN MICE EXPOSED TO GASOLINE VAPORS.

Effects of Overexposure:EYE/SKIN CONTACT:TRANSITORY IRRITATION.

INHALED:RESPIRATORY IRRITATION,CENTRAL NERVOUS SYSTEM DEPRESSION INCLUDING,EUPHORIA,HEADACHE,DIZZINESS,DROWINESS,FATIGUE,TREMOR,CONVULSIONS,NAUSEA,VOMITING,DIAR RHEA, LOSS OF CONSCIOUSUS, AND FINALLY DEATH. INGESTED:G/I IRRITATION, PLUS SYSPTOMS SIMILAR

TO THOSE

UNDER "INHALED".

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE,SKIN CONDITIONS OR IMPAIRED LIVER,KIDNEY FUNCTION MAY BE AGGRAVATED BY THIS PRODUCT.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER.

REMOVE CONTAMINATED CLOTHING;LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR.RESUSCITATE OR GIVE OXYGE AS NEEDED. GET MEDICAL CARE.

INGESTED :GET IMMEDIATE MEDICAL ATTENTION.

DO NOTINDUCE VOMITING.

IF VOMITING OCCURS,MINIMIZE ASPIRATION HAZARD.

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

Flash Point:-40F

Autoignition Temp:Autoignition Temp Text:>536F

Lower Limits:1.3

Upper Limits:7.6

Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM,WATER FOG. WATER MAY BE INEFFECTIVE,AS PRODUCT WILL FLOAT AND MAY SPREAD FIRE.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS IN ENCLOSED AREAS. WATER SPRAY MAY BE USED TO COOL F

IRE EXPOSED

CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEIVER THAN AIR,ACCUMULATING IN LOW AREAS,TRAVELING ALONG GROUND AND MAY FLASH BACK FROM DISTANT IGNITION SOURCE.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. ISOLATE AREA. USE

PROTECTIVE EQUIPMENT AS NECESSARY. STOP LEAK AND CONTAIN SPILL.

DIKE AS NEEDED TO KEEP SPILL FROM DRAINS,WATER WAYS ETC. WATER FOG MAY BE USED TO REDUCE V A

PORS & PERSONAL HAZARD. REPORT SPILL PER
LAW.

Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL,DRY,ISOLATED,WELL
VENTILATED AREA.KEEP IGNITION SOURCES AWAY. GROUND CONTAINERS TO
PREVENT STATIC DISCHARGE DURING TRANSFERS.

Other Precautions:FIRE AND EXPLOSION ARE THE ACUTE HAZARDS OF THIS
PRODUCT. TAKE EXTRAORDINARY STEPS TO PREVENT THEM.

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Exposure Controls/Personal Protecti
on
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Respiratory Protection:IF NEEDED,USE NIOSH/MSHA RESPIRATOR WITH ORGANIC
VAPOR CARTRIDGE OR PREFERRABLY, A POSITIVE PRESSURE AIR SUPPLIED
RESPIRATOR OR SELF CONTAINED BREATHING APPARATUS.

Ventilation:USE EXPLOSION PROOF VENTILATION EQUIPMENT TO MAINTAIN
EXPOSURE BELOW PEL/TLV.

Protective Gloves:IMPERVIOUS RUBBER OR POLYMER.

Eye Protection:SAFETY GLASSES,OR SPLASH GOGGLES.

Other Protective Equipment:SAFETY SHOWER/EYE WASH.WORK CLOTHING AS
NEEDED TO PROTECT FROM P
ROLONGED/REPEATED CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID
UNNECESSARY CONTACT. MINIMIZE ALL CONTACT.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:F1

Boiling Pt:=30.6C, 87.F

Vapor Density:3.5 (AIR)

Spec Gravity:0.72 - 0.76

Solubility in Water:NEGILIGIBLE

Appearance and Odor:CLEAR GOLD/BRONZE LIQUID;GASOLINE ODOR

Percent Volatiles by Volume:100

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS

Stability Condition to Avoid: HEAT, SPARK AND OTHER IGNITION

SOURCES, VAPOR ACCUMULATIONS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE

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

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS.

PRODUCT QUALIFYS AS IGNITABLE WASTE AND CANNOT BE LANDFILLED. IF

RECOVERY OR RECYCLE ARE UNACCEPTABLE, INCINERATION MAY B

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ACCEPTABLE DISPOSAL METHOD.

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