

AGE REFINING INC -- DIESEL FUEL OIL -- 9140-00-286-5296

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

Product ID:DIESEL FUEL OIL  
MSDS Date:04/13/1992  
FSC:9140  
NIIN:00-286-5296  
MSDS Number: BRKDF  
=== Responsible Party ===  
Company Name:AGE REFINING INC  
Address:7811 S PRESA  
City:SAN ANTONIO  
State:TX  
ZIP:78223  
Country:US  
Info Phone Num:512-532-5300  
Emergency Phone Num:512-532-5300  
CAGE:LO175  
=== Contractor Id  
entification ===  
Company Name:AGE REFINING AND MARKETING  
Address:7811 S PRESA  
Box:City:SAN ANTONIO  
State:TX  
ZIP:78223-3531  
Country:US  
Phone:512-532-5300  
CAGE:0T116  
Company Name:AGE REFINING INC  
Address:7811 S PRESA  
Box:City:SAN ANTONIO  
State:TX  
ZIP:78223  
Country:US  
Phone:512-532-5300  
CAGE:LO175

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

Ingred Name:DISTILLATES,STREIGHT RUN MIDDLE  
CAS:64741-44-2  
RTECS #:LX3296000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====  
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS = 5-15 G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: CENTRAL NERVOUS SYSTEM

DEPRESSION WITH EXTREME EXPOSURE; EFFECTS MAY INCLUDE ANESTHESIA,  
COMA, RESPIRATORY ARREST, AND IRREGULAR HEART RATE. OXYGEN  
DEPRIVATION IS POSSIBLE IF WORKING IN A CONFINE D AREA. CHRONIC: NO

KNOWN MAJOR CUMULATIVE OR LATENT EFFECTS HAVE BEEN REPORTED.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:INHALATION-IRRITATION OF THE UPPER RESPIRATORY  
TRACT, DEPRESSION, DIZZINESS, HEADACHE, UNCOORDINATION, ANESTHESIA,  
COMA & RESPIRATORY ARREST. SKIN-DEFATTING, IRRITATION & BURNING  
SENSATION & SWELLING OF LIDS. EYE-SEVERE BURNING SENSATION.  
INGESTION-IRRITATION OF THROAT, ESOPHAGUS & STOMACH, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECI  
FIED BY MANUFACTURER.

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===== First Aid Measures =====  
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First Aid:EYES-FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MIN. SEEK  
MEDICAL ATTENTION. SKIN-WASH WITH SOAP AND WATER. REMOVE  
CONTAMINATED CLOTHES & FOOTWARE. SEEK MEDICAL ATTENTION.  
INHALATION-REMOVE TO FRESH AIR; RESTORE BREATHING IF NEEDED;  
ADMINISTER OXYGEN; SEEK MEDICAL HELP. INGESTION-DO NOT INDUCE  
VOMITING. IF VOMITING OCCURS, KEEP AIRWAY CLEAR. SEEK MEDICAL  
ATTENTION IMMEDIATELY.

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===== Fire Fighting Measures =====  
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Flash Point Method:PMCC

Flash Point:100F,38C

Lower Limits:1

Upper Limits:5

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE. WATER MAY BE  
INEFFECTIVE. USE WATER TO COOL & PROTECT MATERIAL & MEN, FLUSH  
SPILL.

Fire Fighting Procedures:MINIMIZE BREATHING GASES, VAPOR, FUMES OR  
DECOMPOSITION PRODUCTS. USE SUPPLIED AIR BREATHING APPARATUS IN  
ENCLOSED OR CONFINED AREAS OR AS OTHERWISE NEEDED.

Unusual

I Fire/Explosion Hazard:NA

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. CONFINE AREA TO CLEANUP PERSONNEL. VENTILATE CONFINED AREAS. USE EXPLOSION PROOF EQUIPMENT. ABSORB &/OR CONFINE LIQUID WITH SAND, EARTH OR OTHER SUITABLE MATERIAL. KEEP PRODUCT OUT OF SEWERS OR WATERCOURSES.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE.

OUTSIDE OR DETACHED STORAGE PREFERRED. STORE IN COOL, WELL-VENTILATED AREA AWAY FROM IGNITION SOURCES & OXIDIZERS.

Other Precautions:TO PREVENT FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION & DISCHARGE, GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION FOR PETROLEUM PRODUCTS.

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

Respiratory Protection:RESPIRATORY PROTECTION NOT REQUIRED UNDER NORMAL USE.

USE NIOSH.MSHA APPROVED ORGANIC VAPOR RESPIRATOR FOLLOWING MANUFACTURERS RECOMMENDATIONS WHERE SPRAY, MIST OR VAPORS MAY CAUSE SUGGESTED TLV TO BE EXCEEDED.

Ventilation:WORK IN VENTILATED AREAS. SPECIAL VENTILATION IS NOT REQUIRED UNDER NORMAL USE.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:FACE SHIELD & GOGGLES, CHEMICAL GOGGLES.

Other Protective Equipment:STANDARD WORK CLOTHING. CLOTHES OR FOOTWARE THAT CANNOT BE DECONTAMINATED SHOULD BE DISCARDED.

Work Hygienic Practices:SHOWER AND EYE WASH FACILITIES SHOULD BE ACCESSIBLE.

Supplemental Safety and Health  
NOTE TO PHYSICIAN-GASTRIC LAVAGE ONLY IF LARGE QUANTITIES HAVE BEEN INGESTED. GUARD AGAINST ASPIRATION INTO LUNGS WHICH MAY RESULT IN CHEMICAL PNEUMONITIS. IRREGULAR HEART BEAT MAY OCCUR; USE OF ADRENALIN IS NOT ADVISABLE. TREAT SYMPTOMATICALLY.

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

HCC:F4

Boiling Pt:B.P. Text:360-572F

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

Decomp T

emp:Decomp Text:NA

Vapor Pres:0.1

Vapor Density:NA

Spec Gravity:0.81-0.86

pH:NA

Evaporation Rate & Reference:NA

Solubility in Water:TRACE

Appearance and Odor:CLEAR TO YELLOW, TYPICAL HYDROCARBON ODOR.

Percent Volatiles by Volume:100

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE.

Stability Condition t

o Avoid:UNDER NORMAL CONDITIONS, THE MATERIAL IS STABLE.

Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS.

Conditions to Avoid Polymerization:MATERIAL IS NOT KNOWN TO POLYMERIZE.

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

Waste Disposal Methods:DISPOSAL OF WASTE MATERIAL ARE REGULATED AND ACTION TO HANDLE OR DISPOSE OF SPILLED OR RELEASED MATERIALS MUST MEET ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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