

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 Ident

ification ===

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

===

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

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 CONFINED AREA. CHRONIC: NO KN

OWN 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 SPECIFIED BY MANUFACTURER.

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

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 & FOOTWEAR. 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.

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

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 F

ire/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. US

E 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 FOOTWEAR 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 Temp

: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 to A  
void: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 R  
EGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information 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.