

LYONDELL PETROCHEMICAL CO -- ARCO MULTIPURPOSE AFT -- 9150-01-353-4799

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Product Identification
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Product ID:ARCO MULTIPURPOSE AFT

MSDS Date:08/07/1989

FSC:9150

NIIN:01-353-4799

MSDS Number: BVZQC

=== Responsible Party ===

Company Name:LYONDELL PETROCHEMICAL CO

Address:1221 MCKINNEY AVE SUITE 1600

Box:3646

City:HOUSTON

State:TX

ZIP:77253-3646

Country:US

Info Phone Num:713-652-7200

Emergen

cy Phone Num:713-652-7200

CAGE:0JRK1

=== Contractor Identification ===

Company Name:LYONDELL PETROCHEMICAL CO

Address:1221 MCKINNEY AVE SUITE 1600

Box:3646

City:HOUSTON

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Country:US

Phone:713-652-7200

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Composition/Information on Ingredients
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Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (MILD),
HEAVY PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 80-90% %

Other REC Limits:NONE RECOMMENDED

Ingred Nam

e:MINERAL OIL, HYDROTREATED (MILD), HEAVY NAPHTHENIC
DISTILLATE, PETROLEUM

CAS:64742-52-5

RTECS #:PY8035000

Fraction by Wt: 1-10% %

Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVE MIXTURE CONTAINING COMPOUNDS OF P, S, N, & B OR ZN

Fraction by Wt: 1-10% %

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenic

ity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EXPOSURE TO MISTS AT HIGH LEVELS MAY
BE IRRITATING TO NOSE, THROAT AND LUNGS. MODERATE SKIN IRRITATION
MAY OCCUR UPON SHORT-TERM EXPOSURE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:SKIN IRRITATION, UPPER RESPIRATORY TRACT
IRRITATION.

Medical Cond Aggravated by Exposure:PERSON WITH PR
E-EXISTING SKIN

CONDITIONS SHOULD AVOID CONTACT WITH THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: IF MORE THAN 1/2 CUP OF MATERIAL
INGESTED,
GIVE QUANTITIES OF WATER AND INDUCE VOMITING. GET
PHYSICIAN.

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

Flash Point Method:COC

Flash Point:320F,160C

Autoignition Temp:Autoignition Temp Text:700F

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS E

XPOSED TO FIRE.

Unusual Fire/Explosion Hazard:DO NOT USE DIRECT STREAM OF WATER ON FIRE. TOXIC GASES ARE RELEASED DURING COMBUSTION. FOAM AND WATER FOG MAY CAUSE FROTHING.

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

Spill Release Procedures:CONTAIN SPILL AND PREVENT FROM ENTERING ALL WATER BODIES. ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. STOP LEAK IF CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:AVOID SKIN CONTACT. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

DO NOT USE GASOLINE, SOLVENTS, KEROSENE OR HARSH ABRASIVE SKIN CLEANERS FOR WASHING EXPOSED SKIN AREAS. TAKE A SHOWER AFTER WORK IF GENERAL CONTACT OCCURS. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

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

HCC:V6

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT G

IVEN
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:NOT GIVEN
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NEGLIGIBLE
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, OPEN FLAME
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====
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Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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