

AMOCO OIL COMPANY -- MULTI-PURPOSE ATF -- 9150-00-281-2234

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

Product ID: MULTI-PURPOSE ATF

MSDS Date: 07/26/1989

FSC: 9150

NIIN: 00-281-2234

MSDS Number: BMBVK

=== Responsible Party ===

Company Name: AMOCO OIL COMPANY

Address: 200 EAST RANDOLPH DRIVE MC 1408

City: CHICAGO

State: IL

ZIP: 60601-6401

Country: US

Info Phone Num: 312-856-3931(MSDS -3907); INF -5111

Emergency Phone

Num: 800-652-6626(447-8735); 800-424-9300

Preparer's Name: R. G. FARMER

CAGE: 15958

=== Contractor Identification ===

Company Name: AMOCO OIL CO

Address: 200 E RANDOLPH DR

Box: City: CHICAGO

State: IL

ZIP: 60601-6401

Country: US

Phone: 312-856-3907- EM HLTH: 800 447-8735

CAGE: 15958

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

Ingred Name: REFINED HEAVY PARAFFINIC DISTILLATES

CAS: 64741-88-4

Other REC Limits: NONE SPECIFIED

OSHA PEL: 5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE

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

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

Health Hazards Acute and Chronic:ACUTE-EYES/INHALATION:NO SIGNIFICANT HEALTH HAZARD.SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION.ORAL:EXPECTED TO BE RELATIVELY NON-TOXIC.CHRONIC-MAY CAUSE SKIN IRRITATION & DERMATITIS.

Effects of Overexposure:PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDER MAY BE AGGRAVATED WITH THIS PRODUCT.

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

First Aid:OBTAIN MEDICAL HELP IF SYMPTOMS PERSIST.INHALATION:REMOVE TO FRESH AIR.EYE:FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN.SKIN:REMOVE EXCESS WITH CLOTH OR PAPER.WASH SKIN WITH SOAP & WATER .INGESTION:IF LARGE AMOUNT IS SWALLOWED,INDUCE VOMITIN G.GET MEDICAL CARE.

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

Flash Point Method:COC

Flash Point:351F,177C MIN

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL, SAND OR EARTH. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN+PRESSURE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION. RECOVER FREE LIQUID. ADD INERT ABSORBENT SUCH AS EARTH,SAND, OR VERMICULITE TO SPILL AREA. COLLECT ABSORBENT. KEEP PRODUCT OUT OF WATER WAYS.

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

Handling and Storage Precautions:STORAGE-KEEP CONTAINER IN COOL,DRY PLACE AWAY FROM EXCESSIVE HEAT,FLAMES & STRONG

OXIDIZERS.

Other Precautions:AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. LAUNDER CLOTHING BEFORE REUSE. AVOID INHALING VAPORS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS DUE TO THE RETENTION OF RESIDUES AND VAPORS.

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

Respiratory Protection:NONE. IF TLV EXCEED, WEAR A NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST FAN IS RECOMMENDED TO MAINTAIN CONCENTRATION OF OIL MIST IN AIR BELOW RECOMMENDED TLV.

Protective Gloves:RUBBER/OIL RESISTANT GLOVES RECOMMENDED

Eye Protection:CHEMICAL SAFETY GOGGLES,FULL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:V6

Spec Gravity:0.88

Viscosity:49-54SUS@210F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:OILY LIQUID

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES

Hazardous Decomposition Products:MAY YIELD MAJOR AMOUNTS OF OXIDES OF CARBON AND MINOR AMOUNTS OF OXIDES AND OTHER HARMFUL PRODUCTS.

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=== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY
IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
ENCLOSED-CONTROLLED INCINERATION IS RECOMMENDED UNLESS DIRECTED
OTHERWISE BY APPLICABLE ORDINANCES.

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