

ARCO PRODUCTS CO DIV OF ATLANTIC RICHFIELD CO -- HEATING OIL,HEATING OIL P&E --
9140-00-286-5297

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

Product ID:HEATING OIL,HEATING OIL P&E

MSDS Date:07/18/1989

FSC:9140

NIIN:00-286-5297

MSDS Number: BPBXV

=== Responsible Party ===

Company Name:ARCO PRODUCTS CO DIV OF ATLANTIC RICHFIELD CO

Address:1055 W 7TH ST

City:LOS ANGELES

State:CA

ZIP:90017-2503

Country:US

Inf

o Phone Num:800-322-2726

Emergency Phone Num:213-484-5151/800-424-9300(CHEMTREC)

CAGE:9V333

=== Contractor Identification ===

Company Name:ARCO PRODUCTS CO DIV OF ATLANTIC RICHFIELD CO

Address:333 S HOPE ST

Box:512570

City:LOS ANGELES

State:CA

ZIP:90071-0570

Country:US

Phone:213-486-0773/800-322-2726 INFO

CAGE:9V333

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

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES

CAS:68476-30-2

Fraction by Wt: 100%

Other REC Limits:100 PPM STODDA

RD SOL

OSHA PEL:400 PPM PETR. DIST.

ACGIH TLV:400 PPM RUBBER SOLV.

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

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

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

Health Hazards Acute and Chronic:ACUTE: IRRITATION OF ALL BODY TISSUES.

ASPIRATION INTO LUNGS CAN LEAD TO CHEMICAL PNEUMONIA. CHRONIC:
DERMATITIS.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR

OSHA AS A CARCINOGEN.

Effects of Overexposure: EYES: MILD IRRITATION. SKIN: IRRITATION, DERMATITIS. INHALATION: NOSE, THROAT AND LUNG IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION: MOUTH, THROAT AND STOMACH IRRITATION, NAUSEA, VOMITING, DIARRHEA AND RESTLESSNESS. ASPIRATION INTO LUNGS WILL CAUSE CHEMICAL PNEUMONIA.

Medical Cond Aggravated by Exposure: PERSONS WITH A HISTORY OF SKIN, RESPIRATORY OR CENTRAL NERVOUS SYSTEM DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid: EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR IF BREATHING DIFFICULTIES CONTINUE. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point

Method: PMCC

Flash Point: 140F, 60C

Autoignition Temp: Autoignition Temp Text: 495F

Lower Limits: 0.6

Upper Limits: 7.5

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL OR HALON.

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

Unusual Fire/Explosion Hazard: MODERATELY COMBUSTIBLE. WHEN HEATED ABOVE FLASH POINT WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN IN THE OPEN OR BE EXPLOSIVE IN CONFINED SPACES.

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

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT, ELIMINATE SOURCES OF IGNITION, AND VENTILATE AREA AS REQUIRED. ABSORB WITH INERT MATERIAL. PLACE WASTE IN DOT APPROVED CONTAINER FOR DISPOSAL. SPILL AREA MAY BE SLIPPERY. WASH WITH SOAP AND WATER.

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

Handling and Storage Precautions: STORE IN A

COOL, DRY, WELL VENTILATED

AREA AWAY FROM HEAT AND IGNITION SOURCES. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT USE AS CLEANING AGENT.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. OBSERVE HAZARD PRECAUTIONS WHEN HANDLING EMPTY CONTAINERS. SPECIAL SLOW LOAD PROCEDURES FOR "SWITCH LOADING" MUST BE FOLLOWED WHEN THIS MATERIAL IS LOADED INTO TANKS P REVIOUSLY CONTAINING GASOLINE.

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

Respiratory Protectio

n:NONE NORMALLY NEEDED. 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-RESPIRAT OR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

USE OF THIS HEATING OIL IN NON-FLUE CONNECTED HEATING APPLIANCES CAN RESULT IN PERSONAL INJURY. MATERIALS SIMILAR OR SOME COMPONENTS IN THIS PRODUCT WERE FOUND TO BE MUTAGENIC IN VITRO AND IN VIVO TESTS. RELATIONSHIP TO HUMAN EFFECTS IS NOT KNOWN.

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

HCC:F4

Boiling Pt:B.P. Text:325F,163C

Melt/Freeze Pt:M.P/F.P Text:-5F,-21C

Vapor Pres: