

ARCO PRODUCTS CO DIV OF ATLANTIC RICHFIELD CO -- NAVAL DISTILLATE -- 9140-00-273-2378

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Product Identification  
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Product ID:NAVAL DISTILLATE

MSDS Date:04/24/1992

FSC:9140

NIIN:00-273-2378

MSDS Number: BPFTY

=== 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

Info Phone Num:800-322-27

26/213-484-5151,LA POISON

Emergency Phone Num:800-322-2726/800-424-9300(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

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Composition/Information on Ingredients  
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Ingred Name:HYDROCARBONS BOILING BETWEEN 350 TO 725 F

Fraction by Wt: 98 - 99%

Other REC Limits:NONE RECOMMEND

ED

Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 1 - 2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM/15 STEL

ACGIH TLV:10 PPM/15 STEL; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

Health Hazards Acute and Chronic:ACUTE-INHALED:MAY CAUSE

IRRITATION,DIZZINESS,LOSS OF COORDINATION,COMA & DEATH.EYE:MILD

IRRITATION.SKIN:PROLON

GED/REPEATED CONTACT CAUSES IRRITATION & MAY RESULT IN ABSORPTION & HAS TOXIC EFFECTS ON LIVER, KIDNEY, LUNGS & INTESTINAL ORGANS. ORAL: NAUSEA, VOMITING, DIARRHEA & RESTLESSNESS. CHRONIC-LIVER, KIDNEY, SKIN DISORDERS.

Explanation of Carcinogenicity: LONG TERM TESTS SHOW THAT SIMILAR PETROLEUM DISTILLATES HAVE PRODUCED SKIN, LIVER & KIDNEY TUMORS IN LABORATORY ANIMALS.

Effects of Overexposure: IF INHALED, MAY CAUSE IRRITATION, DIZZINESS, LOSS OF COORDINATION, COMA & DEATH. MILD EYE IRRITATION.

PROLONGED/REPEATED SKIN CONTACT MAY CAUSE MODERATE IRRITATION & MAY RESULT IN ABSORPTION & HAS TOXIC EFFECTS ON LIVER, KIDNEY, LUNGS & INTESTINAL ORGANS. ORALLY CAN CAUSE NAUSEA, VOMITING, DIARRHEA & RESTLESSNESS.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING CENTRAL NERVOUS SYSTEM DISEASE, SKIN DISORDERS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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First Aid Measures =====

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH WITH SOAP & WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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Fire Fighting Measures =====

Flash Point Method: PMCC

Flash Point: 140F, 60C

Autoignition Temp: Autoignition Temp Text: 495F

Lower Limits: 0.6 %

Upper Limits: 4.6 %

Upper Limits: 4.6 %

Extinguishing Media: WATER FOG, CO2, HALON, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DURING

## E TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. SHUT OFF & REMOVE IGNITION SOURCES. VENTILATE AREA. RECOVER FREE PRODUCT. ADD SAND, EARTH/OTHER SUITABLE ABSORBENT AND REMOVE FOR DISPOSAL. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES. ADVISE AUTHORITIES IF ENTERED SEWERS.

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

Handling and Storage Precautions:STORAGE- STORE IN COOL, VENTILATED

AREA, IN TIGHTLY CLOSED CONTAINERS, AWAY FROM HEAT, FLAMES & OXIDIZERS.

Other Precautions:AVOID BREATHING OF VAPORS. EMPTY CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS -- THEY MAY EXPLODE.

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

Respiratory Protection:WEAR A NIOSH-APPROVED ORGANIC RESPIRATOR IF

VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV. WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS OF CONTAMINATES.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE OR NATURAL RUBBER GLOVES

Eye Protection:SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:

USE WITH ADEQUATE VENTILATION. AVOID BREATHING

MIST. AVOID CONTACT WITH SKIN & EYES. WASH HANDS AFTER USE.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME NSN.

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

HCC:F4

Boiling Pt:B.P. Text:350F,177C

Melt/Freeze Pt:M.P/F.P Text:15.0F,-9.4C

Vapor Pres: