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

Product ID:HY-CIRC R&O OILS

MSDS Date:09/23/1992

FSC:9150

NIIN:00-966-8833

MSDS Number: BQKQP

=== Responsible Party ===

Company Name:BENZ OIL INC

Address:2724 HAMPTON

City:MILWAUKEE

State:WI

ZIP:53209-5401

Country:US

Info Phone Num:414-442-2900

Emergency Phone Num:414-442-2900

CAGE:8F260

=== Contractor Identification ===

Company Name:BENZ OIL INC

Address:2724 W HAMPTON AVE

Box:City:MILWAUKEE

State:WI

ZIP:53209-5401

Country:US

Phone:414-442-2900

CAGE:8F260

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

CAGE:0T5C6

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

Ingred Name:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS:8012-95-1

RTECS #:PY8030000

Fraction by Wt: >90%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3/10 STEL;9293

Ingred Name:ADDITIV

ES

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS > 5 G/KG

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

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

Health Hazards Acute and Chronic:ACUTE: INGESTION: NOT NORMALLY

EXPECTED TO CAUSE ANY ILL EFFECTS. INHALATION: NO SIGNIFICANT

ADVERSE HEALTH EFFECTS ARE EXPECTED FOR SHORT TERM EXPOSURE. EYE:

NOT NORMALLY EXPE

CTED TO CAUSE ANY ILL EF FECTS. SKIN: NOT NORMALLY

EXPECTED TO CAUSE ANY ILL EFFECTS. CHRONIC: PROLONGED/REPEATED

CONTACT MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:MIDDLE DISTILLATES HAVE CAUSED SKIN

CANCER IN LABORATORY ANIMALS WHEN REPEATEDLY APPLIED AND LEFT IN

PLACE.

Effects of Overexposure:MAY CAUSE DEFATTING OF SKIN OR IRRITATION.

INHALATION OF VAPORS MAY CAUSE IRRITATION OF THE NOSE AND THROAT,

HEADACHE, NOUSEA AND DROWSINESS. INGESTION MAY CAUSE ABDOMIN

AL

DISCOMFORT, NAUSEA, AND DIAR RHEA.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING

PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN

EXISTING DERMATITIS.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.

GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO

FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.

EYE : IMMEDIA

TELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING

EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE

MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF

UNCONSCIOUS.

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

Flash Point Method:COC

Flash Point:400F,204C

Lower Limits:1

Upper Limits:7

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

CHEMICAL.

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:DIRECT SPRAYING EXTINGUISHING MEDIA ONTO HOT BURNING PRODUCT MAY CAUSE FROTHING AND SPREADING OF FIRE.

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. USE SELF-CONTAINED BREATHING APPARATUS. STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL . STORE IN APPROPRIATE CONTAINER FOR D ISPOSAL. AVOID CONTACT WITH SKIN, EYES OR CLOTHING

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

Handling and Storage Precautions:MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. AVOID WATER CONTAMINATION.

Other Precautions:MISUSE OF EMPTY CONTAINERS CAN BE HAZARDOUS. EMPTY CONTAINERS CAN BE HAZARDOUS IF USED TO STORE TOXIC, FLAMMABLE, OR REACTIVE MATERIALS. CUTTING OR WELDING OF EMPTY CONTAINERS MIGHT CAUSE FIRE, EXPLOS ION OR TOXIC FUMES FROM RESIDUES.

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

Respiratory Protection:AIRBORNE CONCENTRATIONS SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE. IF VAPOR, MIST OR DUST IS GENERATED, USE RESPIRATOR APPROVED BY NIOSH AS APPROPRIATE. SUPPLIED AIR RESPIRATORY PROTECTION SHOULD BE US ED FOR CLEANING LARGE SPILLS OR TANKS.

Ventilation:PROVIDE ADEQUAT E VENTILATION TO MEET COMPONENT OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:WASH SKIN OFTEN WITH SOAP AND WATER.

Eye Protection:USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICALLY RESISTANT BOOTS AND APRONS RECOMMENDED.

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

Supplemental Safety and Health

DISCARD CONTAMINATED LEATHER GLOVES AND SH

OES.

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

HCC:V6

Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:0.01

Vapor Density:5

Spec Gravity:0.9

Evaporation Rate & Reference:NIL

Solubility in Water:SLIGHT

Appearance and Odor:LIGHT BROWN OILY LIQUID WITH MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS CHLORINE GAS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES

AND OTHER SOURCES

OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
IRRITATING ALDEHYDES AND KETONES, AND COMBUSTION PRODUCTS OR
COMPOUNDS OF N, P, S, & ZN

===== Disposal Considerations =====

Waste Disposal Methods:THIS PRODUCT HAS BEEN EVALUATED FOR RCRA
CHARACTERISTICS AND DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE
IF DISCHARGED IN ITS PURCHASED FORM. USED MATERIAL MAY BE
HAZARDOUS. DISPOSE OF WASTE IN A
CORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS

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