

BENZ OIL INC -- HY-CIRC R&O OILS -- 9150-00-966-8833

===== 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

===== 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:ADDITIVES  
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 EXPECTED 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 ABDOMINAL  
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 : IMMEDIATELY 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 Fighti

ng 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 ADEQUATE 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.

Supplemen

tal Safety and Health  
DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

===== 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 CH  
LORINE 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 ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS

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