

SHELL OIL COMPANY -- SHELL B&B GREASE MIL-G-10924F -- 9150-01-197-7688

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Product Identification
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Product ID:SHELL B&B GREASE MIL-G-10924F

MSDS Date:04/02/1997

FSC:9150

NIIN:01-197-7688

MSDS Number: CGDYD

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819/4141/2252

FAX -6511

Emergency Phone Num:713-473-9461/800-424-9300(CHEMTREC)

CAGE:54527

=== Contractor Identification ===

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

CAGE:0PGK2

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

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Composition/Information on Ingredients
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Ingred Name:POLYALPHAOLEFINS

Fraction by Wt: 70-80%

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her REC Limits:NONE RECOMMENDED

Ingred Name:OIL,HIGHLY REFINED PETROLEUM (MAY CONTAIN INGRED 3)

Fraction by Wt: 5-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL, HYDROTREATED (MILD), HEAVY NAPHTHENIC
DISTILLATE, PETROLEUM

CAS:64742-52-5

RTECS #:PY8035000

Other REC Limits:NONE RECOMMENDED

Ingred Name:THICKENING SYSTEM

Fraction by Wt: 10-15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES

Fraction by Wt: 5-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC COMPO

UND

Fraction by Wt: 1-2%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 ORAL RAT>5.0G/KG BASE ON API STUDIE

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

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

Health Hazards Acute and Chronic:EYE:MAY BE MILDLY IRRIT.SKIN:PROL/REP

CONTACT MAY CAUSE VARIOUS DISORDERS SUCH AS DERM,FOLLICULITIS OR
OIL ACNE.RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN IN

JECTION

OF OIL INTO SKIN CAUSING LOC NECROSIS.INGEST:NOT EXPECTED TO BE
RELEVANT EXPO ROUTE;HOWEVER UNDER HIGH TEMP CONDITIONS VAP IRRIT
NOSE/THROAT/(SUPPLE)

Explanation of Carcinogenicity:PER MSDS:PROD/COMPO NOT CLASSIFIED AS
CARC BY IATC/NTP/OSHA.

Effects of Overexposure:IRRITATION AS NOTED ABOVE.LOCAL NECROSIS IS
EVIDENCED BY DELAYED ONSET OF PAIN & TISSUE DAMAGE A FEW HOURS
FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DSORDERS MAY BE

AGGRAVATED BY EXPSOURE TO THIS PRODUCT.

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

First Aid:EYE:FLUSH W/WATER FOR 15MINS WHILE HOLDING EYELIDS OPN.GET MED ATTN.SKIN:REMOVE CONTAM CLOTH.WIPE EXCESS OFF.WASH W/SOPA/WATER OR WATERLESS HAND CLEANER FOLLOWED BY SOA/WATER.IRRIT PERSISTS GET MED AT TN.MATL INJECTED UNDER SKIN GET MED ATTN PROMPTLY TO PREVENT SERIOUS DMG;DONT WAIT FOR SYMPTOMS TO DEVELOP.INHAL:REMOVE TO FRESH AIR & PROVIDE OXY IF BREATH DIFFI.GET MED ATTN.INGEST:DONT INDUCE (SUP)

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

Flash Point Method:PMCC
Flash Point:310F,154C BS OIL
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:N/AVAI
Upper Limits:N/AVAI
Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CO2.DONT USE DIRECT STREAM OF WATER.PRODUCT WILL FLOAT & CAN BE REIGNITED ON SURF OF H2O.
Fire Fighting Procedures:DONT ENTER CONFINE FIRE SPACE W/O PROPER PROTECTIVE EQPMT INCLUDE NIOSH APPROV SCBA.COOL FIRE EXPO CNTNRS,SURROUNDING EQPMT & STRUCTURES W/WATER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE.CLEAN AREA W/APPROPRIATE CLEANER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE W/ADEQUATE VENTI LATION.KEEP AWAY FROM OPNE FLAMES & HIGH TEMPERATURES.MIN SKIN CONTACT.
Other Precautions:PROPERLY DISPO OF CONTAM LEATHER ARTICLES,INCLUDE SHOE,THAT CANT BE DECONTAM.BE SAFE.READ OUR PROD SAF INFO,PASS IT ON(PROD LIABILITY LAW REQUIRES IT).IF PROD BECOMES WSTE WOULDNT BE HAZ WASTE BY RCRA .PLACE IN APPRO DISPO FACILI IAW LOC REG

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

Respiratory Protection:NOT ORDINARILY REQUIRED.
Ventilation:NONE SPECIFIED BY MANU

FACTURER.

Protective Gloves:OIL RESISTANT GLOVES

Eye Protection:SAF GLASSES OR GOGG AS APPROPRIATE

Other Protective Equipment:OIL RESISTANT CLOTHING AS NEEDED TO MIN SKIN CONTACT.

Work Hygienic Practices:DONT REUSE CONTAM CLOTH TIL THOROUGHLY CLEANED.AVOID CONTACT W/EYES.WASH W/SOAP/WATER BEF EAT/DRINK/SMOKE/USE TOIL FACIL

Supplemental Safety and Health

HEALTH:UPPER RESP TRACT MAY BE PRODUCED.INGEST:NO SPECIFIC INFO INDETIFIED. 1ST AID:VOMIT.IN GEN NO TREAT NECESSARY UNLESS LG QUANT

OF PROD INGESTED.HOWEVER GET MED ADVICE.EMESIS INDUCTION UNNECESSARY IN HIGH VISCOSITY LOW VOLATILITY PROD(MOST OILS,GREASES). DECOMP PROD:EVOLVE WHEN MATL PRYO/COMBUST.CO,UNID ORG CMPDS.

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

HCC:V6

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:428F,220C

Decomp Temp:Decomp Text:NP

Vapor Pres: