

SHELL OIL COMPANY -- SHELL SUPER DUTY GREASE -- 9150-01-005-4860

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Product Identification  
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Product ID:SHELL SUPER DUTY GREASE

MSDS Date:04/22/1991

FSC:9150

NIIN:01-005-4860

MSDS Number: BSFJP

=== 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

Emergency Phone Num:71

3-473-9461(CHEMTREC 800-424-9300)

Preparer's Name:J.C.WILLETT

CAGE:54527

=== Contractor Identification ===

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

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:RESIDUAL OILS, HYDROTREATED

CAS:64742-5

7-0

Fraction by Wt: 43.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: 40%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:LITHIUM 12 HYDROXYSTEARATE

CAS:7620-77-1

Fraction by Wt: 7%

Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYETHYLENE

CAS:9002-88-4

RTECS #:TQ3325000

Fraction by Wt: 5%

Other REC Limits:NONE

RECOMMENDED

Ingred Name:LEAD DIAMYLDITHIOCARBAMATE

CAS:36501-84-5

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:OTHER COMPONENTS

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

Ingred Name:NAPHTHENIC ACID (SARA III)

CAS:1338-24-5

RTECS #:QK8750000

Fraction by Wt: 0.5%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:

100 LBS  
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE:IRRITATING. SKIN: RELEASE  
DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO THE  
SKIN CAUSING LOCAL NECROSIS. INHALATION:NOT ROUTE OF EXPOSURE; HIGH  
TEMPERATURE VAPORS IRRITA  
TE RESPIRATORY TRACT. INGESTION: LOW  
LEVEL OF TOXICITY. CHRONIC: SKIN DISORDERS, DAMAGE TO BONE MARROW,  
KIDNEY,CNS,BOWEL.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS  
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT  
IRRITATION. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN  
AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORD  
ERS MAY BE  
AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS  
DIFFICULT. GET MEDICAL ATTENTION. EYE: FLUSH WITH WATER FOR 15  
MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:  
WASH WITH SOAP & WATER/WATERLESS CLEANER. REMOVE CONTAMINATED  
CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION:  
DO NOT INDUCE VOMITING.  
IN GENERAL, NO TREATMENT IS REQUIRED. GET  
MEDICAL ADVICE.

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

Flash Point Method:PMCC  
Flash Point:444F,229C  
Autoignition Temp:Autoignition Temp Text:NA  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL. DO  
NOT USE A DIRECT STREAM OF WATER.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE W

ATER

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:SULFUR OXIDES AND HYDROGEN SULFIDE, BOTH OF WHICH ARE TOXIC, MAY BE RELEASED UPON COMBUSTION. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.

Neutralizing Agent:NONE

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

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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES ( SHOES) THAT CAN NOT BE DECONTAMINATED

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

Respiratory Protection:NOT ORDINARILY REQUIRED.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:USE OIL RESISTANT GLOVES.

Eye Protection:WEAR SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. USE OIL RESISTANT CLOTHING AS NEEDED TO AVOID SKIN CONTACT.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

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Supplemental Safety and Health  
AVOID SKIN CONTACT.

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

HCC:V6

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:361F,183C

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:NA

Viscosity:NA

Evaporation Rate & Reference:NA

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY, SMOOTH, SLIGHT ODOR.

Percent Volatiles by Volume:NA

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

Stability Indicator/Materials

to Avoid: YES

**STRONG OXIDIZING AGENTS**

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: OXIDES OF CARBON, OXIDES OF SULFUR,  
OXIDES OF LEAD, AND OTHER ORGANIC COMPOUNDS.

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

Waste Disposal Methods: CONTAINS LEAD. DISPOSE OF IN AN APPROPRIATE  
DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL  
REGULATIONS. CONTACT LOCAL ENVIRONMENTAL MANAGER.

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