

SHELL OIL COMPANY, PRODUCT SAFETY AND COMPLIANCE -- 72392,SHELL LCC GREASE 2 --
9150-00-753-4649

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

Product ID:72392,SHELL LCC GREASE 2

MSDS Date:04/25/1991

FSC:9150

NIIN:00-753-4649

Status Code:A

MSDS Number: CKQMZ

=== Responsible Party ===

Company Name:SHELL OIL COMPANY, PRODUCT SAFETY AND COMPLIANCE

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone

Num:713-241-4819

Emergency Phone Num:713-473-9461

Resp. Party Other MSDS Num.:56,760-7

Preparer's Name:J.C. WILLETT

Chemtrec Ind/Phone:(800)424-9300

CAGE:LO345

=== 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

Contract Num:SP0450-00-M-C455

CAGE:0PGK2

Company Name:SHELL OIL COMPANY, PRODUCT SAFETY AND COMPLIANCE

Box:4320

City:HOUSTON

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Country:US

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CAGE:LO345

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Composition/Information on Ingredients
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Ingred Name:SEVERELY HYDROTREATED HEAVY NAPHTENIC DISTILLATE
CAS:64742-52-5
RTECS #:PY8035000
= Wt:90.
Other REC Limits:NOT PROVIDED

Ingred Name:CALCIUM HYDROXYSTEARATE
CAS:3159-62-4
= Wt:10.
Other REC Limits:NOT PROVIDED

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Hazards Identification
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LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CON
TACT: MAY BE MILDLY IRRITATING
TO THE EYES. SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE
VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL
ACNE. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION
OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: NOT
EXPECTED TO BE A RELEVANT ROUTE OF EXPOSURE. HOWEVER, UNDER HIGH
TEMPERATURE CONDITIONS, VAPORS IRRITATING TO THE NOSE, THROAT AND
UPPER RESPIRATORY TRACT MAY BE PRODUCED. INGESTION:
GREASES ARE
GENERALLY CONSIDERED TO HAVE A LOW ORDER OF ACUTE ORAL TOXICITY.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION AS NOTED ABOVE. LOCAL NECROSIS IS
EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS
FOLLOWING INJECTION.
Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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First Aid Measures
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First Aid:EYES: FLUSH WITH WATER FO

R 15 MINUTES WHILE HOLDING EYELIDS

OPEN. CALL PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS OFF. WASH WITH SOAP AND WATER OR A WATERLESS HAND CLEANER, FOLLOWED BY SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE; DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION: MOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

INGESTION: DO NOT

INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES ARE INGESTED. HOWEVER, GET MEDICAL ADVICE

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

Flash Point Method:COG

Flash Point:177.C, 350.6F

Extinguishing Media:WATER FOG, DRY CHEMICAL, CARBON DIOXIDE. DO NOT USE DIRECT STREAM WATER. PRODUCT WILL FLOAT AND RE-IGNITE ON WATER SURFACE

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PRO

PER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

Unusual Fire/Explosion Hazard:NOT PROVIDED

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

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

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage

Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protect

ion:NOT ORDINARILY REQUIRED.

Ventilation:NOT PROVIDED

Protective Gloves:OIL RESISTANT

Eye Protection:SAFETY GLASSES OR GOGGLES AS APPROPRIATE

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

Work Hygienic Practices:AVOID CONTACT WITH EYES.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, I.E. MOST OILS AND GREASES.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT AVAILABLE

Melt/Freeze Pt:=87.8C, 190.F

M.P/F.P Text:DROPPING POINT

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NOT AVAILABLE

Spec Gravity:NOT AVAILABLE

pH:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:N/A (NBUAC=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TAN, SMOOTH, SLIGHT ODOR

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT,OPEN FLAMES

Hazardous Decomposition Products:COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES AND GASES WILL EVOLVE WHEN THIS MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION. CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED

===== Ecological

Information =====

Ecological:NOT PROVIDED

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY
IN COMPLIANCE WITH LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT
HAZARDOUS BY D.O.T. REGULATIONS.

===== Regulatory Information =====

SARA Title

Section III Information:BASED ON THE DATA AVAILABLE TO SHELL THIS
PRODUCT IS NOT REGULATED BY SARA, TITLE III.

Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE
LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. EPA -
CLEAN WATER ACT (CWA). THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER
SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING (A) SURFACE
WATERS OR (B) ANY WATERCOURSES OR SEWERS ENTERING/LEAVING TO
SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED
TO THE NATIONAL
RESPONSE CENTER, 800-424-8802.

State Regulatory Information:BASED ON INFORMATION AVAILABLE TO SHELL,
THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBSTANCE LISTED ON A
CHEMICAL SPECIFIC STATE LIST.

===== Other Information =====

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