

SHELL OIL COMPANY -- SHELL DARINA EP GREASE 2 -- 9150-01-123-5103

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Product Identification  
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Product ID:SHELL DARINA EP GREASE 2

MSDS Date:07/10/1991

FSC:9150

NIIN:01-123-5103

MSDS Number: BGMXT

=== 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 FAX -6511

Emerg

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

Preparer's Name:JOHN P. SEPESI

CAGE:54527

=== Contractor Identification ===

Company Name:INLAND PACKAGING

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701

Country:US

Phone:502-737-6758

CAGE:6U655

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

Company Name:UNI-KEM INTERNATIONAL

Address:1001 HARIMAW COURT EAST

Box:City:METAIRIE

State:LA

ZIP:70001

Country:US

Phone:504-835-7600/F

AX:504-835-7608  
CAGE:4S446

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Composition/Information on Ingredients  
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Ingred Name:POLYMERIC ADDITIVE IN OIL  
Fraction by Wt: 84.0%

Ingred Name:INORGANIC CLAY  
CAS:1302-78-9  
Fraction by Wt: 5.0%

Ingred Name:FATTY ACID AMIDES  
CAS:6810-93-9  
Fraction by Wt: 3.0%

Ingred Name:SOLVENT REFINED;HYDROTREATED PETROLEUM DISTILLATES.  
CAS:6474-54-7  
Fraction by Wt: 3.0%  
Other REC Limits:5MG/CUM.OIL MIST

Ingred Name:ADDITIVES AND OTHER INGREDIENTS  
Fraction by Wt: 4.0% %  
Other REC L  
imits:NONE SPECIFIED

Ingred Name:ANTIMONY DITHIOCARBMATE  
CAS:1580-25-2  
Fraction by Wt: 1% %  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MILDLY IRRITATING TO EYES/SKIN.  
PROLONGED SKIN CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS  
DERMATIT  
IS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE  
MA RESULT IN INJECTION OF OIL UNDER S KIN.  
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS  
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.  
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, LOCAL NECROSIS  
IS EVIDENCED BY ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS  
FOLLOWING INJECTION.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE  
AGGRAVATED BY EXPOSURE TO THIS P

RODUCT.

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

First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS OFF. WASH WITH SOAP AND WATER CLEANER. IF IRR ITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE. INGESTION: DO NOT INDUCE VOMITING.

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== Fire Fighting Measures =====

Flash Point Method:PMCC  
Flash Point:545F,285C  
Lower Limits:NONFLAMMABLE  
Upper Limits:NONFLAMMABLE  
Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER.  
Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS  
Unusual Fire/Explosion Hazard:PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER. KEEP OUT OF WATERWAYS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other  
Precautions:MINIMIZE SKIN CONTACT. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.  
Ventilation:GENERAL (MECHANICAL) SHOULD BE ADEQUATE  
Protective Gloves:OIL RESISTANT GLOVES  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:WORK CLOTHING NECESSARY TO MINIMIZE SKIN CONTACT.  
Work Hygienic Practices:WASH WITH SOAP

AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN GENERAL EMESIS INDUCTION IS UNNECESSARY IN HIGH  
VISCOSITY, LOW VOLATILITY PRODUCTS.

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

HCC:V6

NRC/State Lic Num:N/R-N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER SMOOTH, SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAME

Hazardous Decomposition Products:THERMAL DECOMPOSTION PRODUCTS ARE  
HIGHLY DEPENDENT ON COMBUSTION CONDITIONS. CARBON MONOXIDE,  
UNIDENTIFIED ORGANICS.

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

Waste Dispos

al Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
LOCAL, STATE AND FEDERAL REGULATIONS.

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