

SHELL OIL COMPANY -- AEROSHELL(R) GREASE 14 -- 9150-00-721-8570

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

Product ID:AEROSHELL(R) GREASE 14

MSDS Date:01/24/1996

FSC:9150

NIIN:00-721-8570

Status Code:A

MSDS Number: CJFKK

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-473-9461

Emergency Phone Num:713-473-9461

Chemtrec Ind/Pho

ne:(800)424-9300

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

Contract Num:SP0450-99-M-B180

CAGE:0PGK2

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:SP045099MB180

CAGE:0PGK2

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phon

e:800-231-6950
CAGE:54527

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Composition/Information on Ingredients
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Ingred Name:HYDROTREATED MIDDLE DISTILLATE (PETROLEUM)
CAS:64742-46-7
RTECS #:JN9379645
Minumum % Wt:20.
Maxumum % Wt:30.

Ingred Name:MINERAL OIL
CAS:64742-53-6
RTECS #:PY8036000
Minumum % Wt:20.
Maxumum % Wt:30.

Ingred Name:CALCIUM HYDROXYSTEARATE
CAS:3159-62-4
Minumum % Wt:10.
Maxumum % Wt:12.
Other REC Limits:NONE SPECIFIED

Ingred Name:OTHER COMPONENTS
< Wt:2.
Other REC Limits:NONE RECOMMEND
ED

Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC
CAS:64742-55-8
RTECS #:PY8036500
Minumum % Wt:35.
Maxumum % Wt:40.

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Hazards Identification
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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:EYE CONTACT:MAY BE MILDLY IRRITATING.
SKIN CONTACT:PROLONGED OR REPEATED CONTACT MAY CAUSE DERM

ATITIS,
FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE MAY RESULT IN INJECTION INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION:NOT A RELEVANT ROUTE. HOWEVER, VAPOR IRRITATING TO THE NOSE, THROAT AND UPPER RESPIRATORY MAY BE PRODUCED. INGESTION:LOW ORDER OF ACUTE ORAL TOXICITY.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

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:PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES:FLUSH WITH WATER FOR 15 MIN. WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING & WIPE EXCESS OFF. WASH WITH SOAP AND WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER. IF IRRITATION PERSISTS,GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY. INHALATION:REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING. IN GENERAL NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INJECTED. HOWEVER, GET MEDICAL ADVISE.

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

Flash Poin

t Method:PMCC

Flash Point:~310.C, 590.F

Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

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

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

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. 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:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:USE OTHER CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:

DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

WASH WITH WATER BEFORE EATING,DRINKING, SMOKING OR USING TOILET FACILITIES.WASH CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V6

Melt/Freeze Pt:=140.C, 284.F

M.P/F.P Text:DROPPING POINT

Spec Gravity:7.3 PPG

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TAN, SMOOTH, SL

IGHT ODOR.

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

Stability Indicator/Materials to Avoid: YES

CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: AVOID HEAT, OPEN FLAMES.

Hazardous Decomposition Products: THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT ON THE COMBUSTION CONDITIONS. CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

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

Toxicologi

cal Information: NO OSHA/PEL OR TLV HAS BEEN ESTABLISHED.

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

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

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

Transport Information: NOT HAZARDOUS BY DOT REGULATIONS.

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

Federal Regulatory Information: THE COMPONENTS OF THIS PRODUCT ARE

LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCE LIST.

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