

SHELL OIL COMPANY -- AEROSHELL(R) GREASE 22 -- 9150-00-149-1593

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Product Identification
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Product ID:AEROSHELL(R) GREASE 22

MSDS Date:11/03/1988

FSC:9150

NIIN:00-149-1593

MSDS Number: BKCCY

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-473-9461 (24 HOUR
EMERGENCY)

Preparer's Name:J.C. WILLET

CAGE:54527

=== Contractor Identification ===

Company Name:SHELL OIL COMPANY

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

CAS:68037-01-4

Fraction by Wt: 86%

Other REC Limits:NONE SPECIFIED

Ingred Name:BENTONITE (INORGANIC CLAY)

CAS:1302-78-9

RTECS #:CT9450000

Fraction by Wt: 6.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5

MG/M3 (DUST)
ACGIH TLV:5 MG/M3 (DUST)

Ingred Name:FATTY ACID AMIDES
CAS:64754-98-9
Fraction by Wt: 6.0%
Other REC Limits:NONE SPECIFIED

Ingred Name:OTHER COMPONENTS (TYPE NOT SPECIFIED)
Fraction by Wt: 4.0%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INGESTION:NOT EXPECTED TO CAUSE
ILL

EFFECTS. INHALATION:NO ADVERSE HEALTH EFFECTS EXPECTED. EYE:
IRRITATION. SKIN: NOT NORMALLY EXPECTED TO CAUSE ILL EFFECTS.
CHRONIC-PROLONGED/REPEATED SKIN CO NTACT MAY CAUSE IRRITATION,
DERMATITIS,FOLLICULITIS OR OIL ACNE.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT
SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE
SKIN IRRITATION. EYE CONTACT MAY CAUSE EYE IRRITATION.

Medical Cond Aggrav

ated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD
AVOID PROLONGED CONTACT WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.
EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICA
L ATTENTION. INGESTION: GET IMMEDIATE
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF
UNCONSCIOUS.

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

Flash Point Method:CC

Flash Point:455F,235C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND
FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS. COOL FIRE
EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN R

UNOFF.

Unusual Fire/Explosion Hazard:HEAT FROM FIRE MAY CAUSE BUILD UP OF HAZARDOUS VAPOR PRESSURE IN CLOSED CONTAINERS. DO NOT USE DIRECT STREAM OF WATER. IT WILL FLOAT AND REIGNITE.

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

Spill Release Procedures:RECOVER FREE PRODUCT, OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING. MINIMIZE SKIN CONTACT AND BREATHING VAPORS.

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

Handling and Storage Precautions:AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION,AND STRONG OXIDANTS.KEEP CONTAINERS CLOSED. Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE.DO NOT PRESSURIZE,CUT,WELD OR EXPOSE TO HEAT,FLAME,STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION;THEY MAY EXPLODE AND CAUSE INJURY.

===== Exposure Controls/Personal Protection

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Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.
Ventilation:SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT.
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL
Eye Protection:USE CHEMICAL SAFETY GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICALLY RESISTANT BOOTS AND APRONS RECOMMENDED.
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.
Supplemental Safety and Health
WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE GREASE-SOAKED CLOTHING AND LAUNDRER BEFORE REUSE. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES. IF USED IN APPLICATIONS WHERE MIST MAY BE GENERATE D, OBSERVE A TWA/PEL OF 5 MG/M3 FOR MINERAL OIL MIST.

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

HCC:V6
Solubility in Water:INSOLUBLE
Appearance and Odor:AMBER, SMOOTH, MILD

ODOR.

===== 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: FUMES, SMOKE, COMPLEX MIXTURE OF
AIRBORNE SOLIDS, OXIDES OF CARBON, NITROGEN AND SULFUR.

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

Waste Disposal Methods: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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