

SHELL OIL COMPANY -- AEROSHELL (R) GREASE 16 -- 9150-00-505-0235

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Product Identification
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Product ID:AEROSHELL (R) GREASE 16

MSDS Date:03/26/1991

FSC:9150

NIIN:00-505-0235

MSDS Number: BVFRQ

=== 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 HOU
R EMERGENCY)

Preparer's Name:G.A. VAN GELDER

CAGE:54527

=== Contractor Identification ===

Company Name:CONVOY OIL CORP

Address:1410 N FRONT STREET

Box:29366

City:PHILADELPHIA

State:PA

ZIP:19125

Country:US

Phone:215-739-5281

CAGE:6A438

Company Name:CROWN OIL & CHEMICAL CO.

Address:751 HILL STREET

Box:City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504 OUT OF BUSINESS

CAGE:0CF76

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:SYNTHETIC ESTER

CAS:7445-47-8

Fraction by Wt: 78.0%

Ingred Name:RESIDUAL OILS, HYDROTREATED

CAS:64742-57-0

Fraction by Wt: 10.0%

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:BENTONITE (INORGANIC CLAY)

CAS:1302-78-9

RTECS #:CT9450000

Fraction by Wt: 10.0%

OSHA PEL:5 MG/M3 (DUST)

ACGIH TLV:5 MG/M3 (DUST)

Ingred Name:FATTY ACID AMIDES

CAS:64754-98-9

Fraction by Wt: 3.0%

Ingred Name:

OTHER COMPONENTS (TYPE NOT SPECIFIED)

Fraction by Wt: 4.0%

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION IS NOT NORMALLY A ROUTE OF EXPOSURE; AT VERY HIGH TEMPERATURES VAPORS PRODUCED MAY IRRITATE RESPIRATORY SYSTEM. RELEASE UNDER HIGH PRESSURE MAY RESULT IN IJECTION OF PRODUCT CAUSING SKIN NECROSIS. CHR

ONIC: PROLONGED

OR REPEATED EXPOSURE MAY IRRITATE SKIN AND EYES.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:INHALATIUN: COUGHING, SHORTNESS OF BREATH.

EYES: REDNESS, DISCOMFORT. SKIN: REDNESS, DISCOMFORT.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures
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First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====
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Flash Point Method:PMCC
Flash Point:482F,250C
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS.
Other Precautions:DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NORMALLY NOT REQUIRED IF USED WITH ADEQUATE VENTILATION.
Ventilation:NORMAL ROOM VENTILATION
Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER
Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD
Other Protective Equipment:EYE WASH STATION,WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHIN

G OR
FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO
NOT BREATHE VAPORS OR MISTS.

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

HCC:V6

Melt/Freeze Pt:M.P/F.P Text:500F,260C

Spec Gravity:1.014

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT BROWN,SMOOTH,BUTTERY GREASE SLIGHT 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:CARBON MONOXIDE, CARBON DIOXIDE AND
OTHER UNIDENTIFIED COMPONENTS.

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

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

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