

SHELL OIL COMPANY -- AEROSHELL GREASE 22;SHELL CODE:70022 -- 9150-00-181-7724

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Product Identification
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Product ID:AEROSHELL GREASE 22;SHELL CODE:70022

MSDS Date:11/03/1988

FSC:9150

NIIN:00-181-7724

MSDS Number: BDGMJ

=== 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:713-241-4

819

Emergency Phone Num:713-473-9461

Preparer's Name:J.C.WILLET

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: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:POLYALPHAOLEFINS

CAS:68037-01-4

Fraction b

y Wt: 86.06%

Ingred Name:BENTONITE (AS NUISANCE DUST OR PARTICULATES NOT OTHERWISE REGULATED)

CAS:1302-78-9

RTECS #:CT9450000

Fraction by Wt: 6.0%

OSHA PEL:15 MG/M3 TOTAL DUST

ACGIH TLV:10 MG/M3 TDUST;8990

Ingred Name:FATTY ACID AMIDES

CAS:64754-98-9

Fraction by Wt: 4.0%

Ingred Name:OTHER COMPONENTS

Fraction by Wt: 4.0%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:N

O OSHA:NO

Health Hazards Acute and Chronic:EYE:MAY BE MILDLY IRRI.SKN

CNTCT:PRLNG/RPEAT CNTCT MAY CAUS VARIOUS SKN DSORDRS SUCH AS DERMATITIS,FOLLICULTS/OIL ACNE.RLEAS DURNG HGH PRESSURE USAGE MAY RESULT IN INJECTN OF OIL INTO SKN CAUS LOCAL NE CROSIS.INHAL & INGES:NO SPEC INFO IDENTFD.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:IRRI AS NOTED IN HEALTH HAZARD DATA. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN & TISSUE DAMAGE A FEW HOURS FO LLOWING INJECTION.

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 =====

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. SK

IN: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.

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

Flash Point Method:PMCC

Flash Point:455F/235C

Lower Limits:N/AVAILABLE

Upper Limits:N/AVAILABLE

Extinguishing Media:USE WTR FOG,DRY CHEM/CO*2.DO NOT USE A DIRECT STREAM OF WTR.PRODUCT WILL FLOAT & CAN BE REIGNITED ON SURFACE OF WATER.

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:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SCOOP UP AND CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREA

THING OF VAPOR. AVOID CONTACT WITH EYES.

USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NOT NORMALLY NEEDED;USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:NORMAL ROOM VENTILATION;LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHI

ELD

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 CLOTHING 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:N/AVAILABLE

Decomp Te

mp:Decomp Text:N/K

Vapor Pres:N/AVAILABL

Vapor Density:N/AVAILABL

Spec Gravity:N/AVAILABLE

pH:N/K-FP

Evaporation Rate & Reference:N/AVAILABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:SMOOTH AMBER GREASE.SLIGHT ODOR.

Percent Volatiles by Volume:N/K-FP

Corrosion Rate:

===== 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.

Conditions to Avoid Polymerization:AVOID HEAT & OPEN FLAME.

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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