

SHELL OIL COMPANY -- SHELL SUPER DUTY GREASE;PROD CODE:70400 -- 9150-01-005-4860
===== Product Identification =====

Product ID:SHELL SUPER DUTY GREASE;PROD CODE:70400

MSDS Date:03/30/1987

FSC:9150

NIIN:01-005-4860

MSDS Number: BGCTF

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:1-SHELL PLAZA

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819

Emergen

cy Phone Num:(713) 473-9461

Preparer's Name:J.P.SEPESI,MANAGER

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

===== Composition/Information on Ingredients =====

Ingred Name:SOLVENT REFINED;HYDROTREATED PETROLEUM DISTILLATE

CAS:64742-57-0

Fraction by Wt: 43.0%

Other REC Limits:5MG/CUM,AS OIL MIST

Ingred Name:SOLVENT REFINED;HYDROTREATED PETROLEUM DISTILLATE

CAS:64742

-54-7

Fraction by Wt: 40.0%

Other REC Limits:5MG/CUM,AS OIL MIST

Ingred Name:LITHIUM HYDROXYSTEARATE PETROLEUM DISTILLATES

CAS:7620-77-1

Fraction by Wt: 7.0%

Ingred Name:POLYETHYLENE

CAS:9002-88-4

RTECS #:TQ3325000

Fraction by Wt: 5.0%

Ingred Name:LEAD DIAMYLDITHIOCARBAMATE

CAS:36501-84-5

Fraction by Wt: 1.0%

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: 1.0%

OSHA PEL:10 MG/M3 TDUST (MO)

ACGIH TLV:10 MG/M3 (MO); 8990

Ingred Name:CARBOXYLIC ACID (THIS COMPONENT WAS DECLARED ON THE MSDS

EFFECTIVE 6/23/82)

Fraction by Wt: 0.5%

Ingred Name:AROMATIC AMINE (THIS COMPONENT WAS WRITTEN ON THE MSDS
EFFECTIVE 6/23/82)

Fraction by Wt: 0.5%

Ingred Name:NAPHTHENIC ACIDS (THIS CHEMICAL WAS ALSO TAKEN FROM THE
MSDS EFFECTIVE 6/23/87)

Fraction by Wt: 0.5%

Ingred Name:OTHER COMPONENT (SEE INGREDIENTS #06,07,08,09;DATA FROM
MSDS DATED:6/23/86)

Fraction by Wt: 4.0%

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

LD50 LC50 M

ixture:ING 05-10 ML/KG(RAT)(ORAL)

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

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

Health Hazards Acute and Chronic:ACUTE:MILDLY IRRITATING TO EYES AND SKIN, AS OIL MIST MAY CAUSE IRRITATION TO RESPIRATORY TRACT,HEADACHE;DIZZINESS,CNS EFFECTS. CHRONIC:DERMATITIS,LEAD ABSORPTION.

Explanation of Carcinogenicity:NO REPORTS OF LEAD TOXICITY WITH THIS PRODUCTS:LEAD ABSORPTION IS KNOWN TO CAUSE ANEMIA,CNS EFFECTS,KIDNEY OR CO

LIC.

Effects of Overexposure:EYES:MAY BE MILDLY IRRITATING; SKIN:PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS,FOLLICULITIS OR OIL ACNE.RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION; INHALATION/INGESTION:NO SPECIFIC INFORMATION IDENTIFIED.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Ai

d:SKIN:WASH W.SOAP & H*2O. EYES:FLUSH W. H*2O. INGESTED:DON'T INDUCE VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point Method:PMCC

Flash Point:>450/229C

Extinguishing Media:WATER FOG,DRY CHEM,FOAM,CO*2.DO NOT USE DIRECT H*2O STREAM

Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*2O SPRAY TO COOL CONTR.

Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

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

Spill Release Procedures:WEAR PROTECTIVE GLOVES. SPREAD COMMERCIAL ABSORBENT ON SPILL TO COVER GREASE.SCOOP UP SPILLS & PLACE IN COVERED CONTAINERS PENDING DISPOSAL INSTRUCTIONS.CLEAN AREA WITH APPROPRIATE CLEANER.

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

Handling and Storage Precautions:STORE IN COOL,D

RY,WELL VENTILATED

AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:DO NOT BREATHE VAP/MIST OF OILS.DO NOT CONTAMINATE WATER WAYS.AVOID SKIN CONTACT.WASH HANDS W/SOAP & WATER BEFORE EATING.LAUNDER CONTAMINATED CLOTHING BEFORE REUSE;DISPOSE OF CONTAMINATD SHOES

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

Respiratory Protection:NONE SHOULD BE NEEDED

Ventilation:NO SPECIAL REQUIREMENTS W ADE QUATE VENT.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT EAT,DRINK AND SMOKE IN WORK AREA;DO NOT USE CONTAMINATED SHOES OR CLOTHES.

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:B.P. Text:NOT KNOWN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY,SMOOTH; SLI GHT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURE/EXCESSIVE HEAT.

Hazardous Decomposition Products:UPON COMBUSTION FORM CO, OXIDES OF N, S, P & UNIDENTIFIED.

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

Waste Disposal Methods:SM & LG SPILL:DEPOSIT IN A POSTED TOXIC SUBSTANCE LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FED

ERAL
REGULATIONS

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to the
ir
particular situation.