

SHELL OIL CO

-- 68701, 69701, 68744 INSULATING OIL

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MSDS Safety Information
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FSC: 9150
MSDS Date: 02/23/1993
MSDS Num: BSPJB
LIIN: 00F031886
Product ID: 68701, 69701, 68744 INSULATING OIL
MFN: 01
Responsible Party
Cage: SHELO
Name: SHELL OIL CO
Address: 1 SHELL PLZ
Box: 4320
City: HOUSTON TX 77210
Info Phone Number: 800 832-3766
Emergency Phone Number: 713-473-9461
Preparer's Name: J C WILLETT
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: SHELO
Assigned Ind: Y
Name: SHELL OIL CO
Box: 4320
City: HOUSTON TX 77210-5000

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Contractor Summary
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Cage: SHELO
Name: SHELL OIL CO
Box: 4320
City: HOUSTON TX 77210-5000
Phone: 713-473-9461/713-241-2252
Cage: 54527
Name: SHELL OIL COMPANY
Box: 2463
City: HOUSTON TX 77210
Phone: 800-231-6950

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Ingredients
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Cas: 64742-46-7
RTECS #: JN9379645
Name: HYDROTREATED MIDDLE PETROLEUM DISTILLATE, PETROLEUM SOLVENT
% Wt: 50-100

Cas: 64742-53-6
RTECS #: PY8036000
Name: LIGHT NAPHTHALIC DISTILLATE, HYDROTREATED LIGHT NAPHTHENIC DISTILLATE
% Wt: 0-50

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Health Hazards Data
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LD50 LC50 Mixture: ORAL LD50 (RAT): >5 G/KG

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: SKIN: IRRITATION. DERMATITIS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: UPPER RESPIRATORY TRACT IRRITATION.ASPIRATION HAZARD.

Explanation Of Carcinogenicity: NONE

Signs And Symptions Of Overexposure: INGESTION: VOMITING. ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABORED BREATHING & CYANOSIS. IN SEVERE CASES DEATH MAY OCCUR. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN & TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated By Exposure: PRE-EXISTING SKIN & RESPIRATORY DISORDERS

First Aid: EYES: FLUSH W/WATER. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES & WIPE EXCESS FROM SKIN. FLUSH W/WATER. FOLLOW BY WASHING W/SOAP & WATER. IF MATERIAL IS INJECTED UNDER THE SKIN, OBTAIN MED ATTN PROMPTLY. INHALATION:REMOVE TO FRESH AIR. PROVI DE OXYGEN IF BREATHING IS DIFFICULT. INGESTION:DON'T INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY. KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. SEE SUPP.

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Handling and Disposal
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Spill Release Procedures: LARGE SPILL: WEAR PROTECTIVE EQUIPMENT. SHUT OFF SOURCE OF LEAK. IF SAFE TO DO SO, DIKE & CONTAIN. REMOVE W/VACUUM TRUCKS OR PUMP TO STORAGE SALVAGE VESSELS. SOAK UP RESIDUE W/AN ABSORBENT. FLUSH AREA W/WATER. SMALL SPILL: TAKE UP W/AN ABSORBENT.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE W/ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.

Other Precautions: AVOID CONTACT W/SKIN.

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Fire and Explosion Hazard Information
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Flash Point Method: PMCC

Flash Point Text: 280-285F

Extinguishing Media: WATER FOG, DRY CHEMICAL OR CO2. DON'T USE A DIRECT STREAM OF WATER. WILL FLOAT & CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures: MATERIAL WILL NOT BURN UNLESS PREHEATED. DON'T ENTER CONFINED FIRE SPACE W/OUT FULL BUNKER GEAR & A POSITIVE PRESSURE SCBA. COOL FIRE EXPOSED CONTAINERS W/WATER

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Control Measures
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Respiratory Protection: IF EXPOSURE MAY OR DOES EXCED OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD W/29 CFR 1910.134 USE EITHER AN ATMOSPHERE SUPPLYING RESPIRATOR OR AN AIR PURIFYING RESPIRATOR.

Protective Gloves: CHEMICAL RESISTANT

Other Protective Equipment: PROTECTIVE CLOTHING

Work Hygienic Practices: WASH W/SOAP & WATER BEFORE EATING/DRINKING/SMOKING/USING TOILET FACILITIES. LAUNDRY CONTAMINATED

CLOTHING BEFORE REUSE.
Supplemental Safety and Health: PROPERLY DISPOSE OF CONTAMINATED LEATHER
ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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Physical/Chemical Properties
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B.P. Text: >400F
M.P/F.P Text: -40F
Spec Gravity: 0.8823
Solubility in Water: NEGLIGIBLE
Appearance and Odor: WHITE LIQUID W/SLIGHT HYDROCARBON ODOR.

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HEAT, OPEN FLAMES
Materials To Avoid: OXIDIZERS
Hazardous Decomposition Products: A COMPLEX MIXTURE OF AIRBORNE SOLID,
LIQUID, PARTICULATES & GASES WILL EVOLVE. CO & OTHER UNIDENTIFIED ORGANIC
COMPOUNDS
Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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HAZCOM Label
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Product ID: 68701, 69701, 68744 INSULATING OIL
Cage: SHELO
Assigned IND: Y
Company Name: SHELL OIL CO
PO Box: 4320
City: HOUSTON TX
Zipcode: 77210-5000
Health Emergency Phone: 713-473-9461
Label Required IND: Y
Date Of Label Review: 12/13/1993
Status Code: C
Label Date: 12/13/1993
Origination Code: F
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Moderate

Fire Hazard: Slight

Reactivity Hazard: Slight

Hazard And Precautions: SKIN: IRRITATION. DERMATITIS, FOLLICULITIS OR OIL ACNE.RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: UPPER RESPIRATORY TRACT IRRITATION.ASPIRATION HAZARD. TARGET ORGANS: SKIN, RESPIRATORY TRACT. EYES: SLIGHT IRRITATION. SKIN: MILD IRRITATION, BURNING. INGESTION: IRRITATION OF THE GASTROINTESTINAL TRACT, ULCERATION/BURNS IN THE MOUTH & THROAT.

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