

SHELL CANADA PRODUCTS LIMITES -- SHELL JET A-1 47 -- 9130-01-180-5540

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Product Identification  
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Product ID:SHELL JET A-1 47  
MSDS Date:10/31/1991  
FSC:9130  
NIIN:01-180-5540  
MSDS Number: BNCLF  
=== Responsible Party ===  
Company Name:SHELL CANADA PRODUCTS LIMITES  
Address:STATION M  
Box:100  
City:CALGARY, ALBERTA  
Country:CN  
Info Phone Num:403-691-3111/2220 800-661-7378  
Emergency Phone Num:613-996  
-6666 (CANUTEC)  
CAGE:0LUH3  
=== Contractor Identification ===  
Company Name:SHELL CANADA PRODUCTS LIMITES  
Address:STATION M  
Box:100  
City:CALGARY, ALBERTA  
Country:CN  
Phone:613-996-6666 (CANUTEC)  
CAGE:0LUH3

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Composition/Information on Ingredients  
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Ingred Name:KEROSENE  
CAS:64742-81-0  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS > 5000 MG/KG  
Routes of Entry:

Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:THIS PRODUCT IS EXPECTED TO BE IRRITATING TO THE SKIN BUT IS NOT PREDICTED TO BE A SKIN SENSITIZER. PROLONGED OR REPEATED CONTACT CAN RESULT IN DERMATITIS. VAPORS ARE MODERATELY IRRITATING TO EYES & RESPIRATORY PASSAGE. PROLONGED IMMERSION IN LIQUID MAY LEAD TO CHEMICAL BURNS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CON

CENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:PROLONGED & REPEATED SKIN CONTACT CAN CAUSE DEFATTING & DRYING OF THE SKIN. PROLONGED EXPOSURE TO HIGH VAPOR CONCENTRATION CAN CAUSE HEADACHE, DIZZINESS, NAUSEA & CENTRAL NERVOUS SYSTEM DEPRESSION. ASPIRATION INTO THE LUNGS CAN CAUSE SEVERE INFLAMMATION OF THE LUNGS.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures  
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First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INHALE: REMOVE VICTIM TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING! OBTAIN MEDICAL ATTENTION IMMEDIATELY. GUARD AGAINST ASPIRATION INTO LUNGS BY HAVING VICTIM TURN ON THEIR LEFT SIDE. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. SKIN: START RINSING & REMOVE CONTAMINATED CLOTHING WHILE RINSING. GET AID.

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

Flash Point Method:TCC

Flash Point:>100F,>38C

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

Fire Fighting Procedures:CAUTION-COMBUSTIBLE. DO NOT ENTER CONFINED FIRE SPACE WITHOUT ADEQUATE PROTECTIVE CLOTHING AND AN APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FLASHBACK MAY OCCUR ALONG VAPOUR TRAIL. DO NOT USE WATER EXCEPT AS A FOG. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. ISOLATE AREA. GROUND HANDLING EQUIPMENT. WORK UPWIND OF SPILL. DIKE & CONTAIN LAND SPILL; CONTAIN WATER SPILLS BY BOOMING. USE WATER FOG TO KNOCK DOWN VAPORS; CONTAIN RUNOF F. ABSORB RESIDUE WITH ABSORBENT MATERIAL & REMOVE

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

Handling and Storage Precautions:AVOID EXCESSIVE HEAT, SPARKS, OPEN

FLAMES & ALL OTHER SOURCES OF IGNITION. USE EXPLOSION-PROOF VENTILATION TO PREVENT ACCUMULATION.

Other Precautions:FIXED EQUIPMENT AS WELL AS TRANSFER CONTAINERS AND EQUIPMENT SHOULD BE GROUND TO PREVENT ACCUMULATION OF STATIC CHARGE. NEVER SIPHON BY MOUTH. LAUNDER CONTAMINATED CLOTHING PRIOR TO REUSE.

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

Respiratory Protection:IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS, WEAR A NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOUR CONCENTRATIONS.

Protective Gloves:IMPERVIOUS (VITON, NITRILE) RUBBER GLOVE

Eye Protection:CHEMICAL SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:IM CONFINED SPACES OR WHERE THE RISK OF SKIN EXPOSURE IS MUCH HIGHER, IMPERVIOUS CLOTHING SHOULD BE WORN.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NOTES TO PHYSICIAN: THE MAIN HAZARD FOLLOWING ACCIDENTAL INGESTION IS ASPIRATION OF THE LIQUID INTO THE LUNGS PRODUCING CHEMICAL PNEUMONITIS.

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

HCC:F4

Boiling Pt:B.P. Text:401F,205C

Melt/Freeze Pt:M.P/F.P Text: