

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

===== Product Identification =====

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

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

Ingred Name:KEROSENE  
CAS:64742-81-0  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED

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

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  
CONCENTRATIONS 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.

===== 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.

===== 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 RESPIR  
ATOR.

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.

Supple  
mental 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: