

SHELL JET A-1 47

MSDS Number

BNCLF

National Stock Number

9130-01-180-5540

Product Name

SHELL JET A-1 47

Manufacturer

SHELL CANADA PRODUCTS LIMITES

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

SHELL CANADA PRODUCTS LIMITES

STATION M

CALGARY, ALBERTA

CN

Emergency Phone: 613-996-6666 (CANUTEC)

Info Phone: 403-691-3111/2220 800-661-7378

Cage: 0LUH3

Contractor

SHELL CANADA PRODUCTS LIMITES

100

CALGARY, ALBERTA

CN

613-996-6666 (CANUTEC)

Cage: 0LUH3

Ingredients

KEROSENE

CAS: 64742-81-0

Fraction By Weight: 100%

Hazards

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

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

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.

Accidental Release

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 RUNOFF. ABSORB RESIDUE WITH ABSORBENT MATERIAL & REMOVE

Handling

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. LAUNDRY CONTAMINATED CLOTHING PRIOR TO REUSE.

Exposure Controls

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: IN 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. LAUNDRY 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.

Chemical Properties

HCC: F4

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

Melt/Freeze Pt: M.P/F.P Text: Vapor Pres: >8.0 MMHG

Spec Gravity: 0.79-0.82

Solubility in Water: INSOLUBLE

Appearance and Odor: LIGHTLY COLOURED HYDROCARBON ODOUR. LIQUID.

Stability

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS AND ACIDS.

Stability Condition to Avoid: AVOID EXCESSIVE HEAT, OPEN FLAMES AND ALL IGNITION SOURCES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Disposal

Waste Disposal Methods: RECLAIM OR DISPOSE OF AT A LICENSED WASTE DISPOSAL COMPANY. INCINERATE WITH APPROVAL OF ENVIRONMENTAL AUTHORITY.

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