

SHELL OIL COMPANY -- SHELL JET A -- 9130-00-359-2026

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

Product ID:SHELL JET A

MSDS Date:07/13/1989

FSC:9130

NIIN:00-359-2026

MSDS Number: BMXHC

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-473-9461,CHEMTRC 800-424-9300

Preparer's Name:J.C. WILLET

CAGE:54527

=== Contractor Identification ===

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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:ALIPHATIC PETROLEUM SOLVENT

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 100%

Other REC Limits:100 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acu

te and Chronic:ACUTE-INHALATION:CENTRAL NERVOUS  
SYSTEM DEPRESSION, CHEMICAL PNEUMONITIS, ASPHYXIATION.  
EYE:IRRITATION. SKIN:DEFATING, IRRITATION/DERMATITIS. INGESTION: GI  
DISTURBANCES, NAUSEA, VOMITING. CHRONIC: DER MATITIS, PNEUMOTITIS,  
PULMONARY EDEMA, AND KIDNEY DAMAGE.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY  
IRRITATION, COUGHING, NAUSEA, FATIGUE, DIZZINESS, HEADACHES,  
UNCONSCIOUSNESS AND DEATH. EYE IRRITATION.

Medical Cond Aggravated by Exposure:P  
ERSONS WITH A SKIN AND RESPIRATORY  
DISORDERS SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.  
GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION:REMOVE TO  
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.  
EYE:I MMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION. ING  
ESTION:GET IMMEDIATE  
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF  
UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:100F,38C

Autoignition Temp:Autoignition Temp Text:495F

Lower Limits:0.7

Upper Limits:5.0

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. USE  
WATER FOG TO COOL SRROUNDING CONTAINERS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SE

LF CONTAINED BREATHING APPARATUS. DO NOT USE DIRECT  
STEAM OF WATER,PRODUCT WILL FLOAT ON SURFACE.

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR AND MAY TRAVEL A  
CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASH BACK. COOL  
SURROUNDING CONTAINERS WITH WATER.

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

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE,  
OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR:  
D

KE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF  
LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT.

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

Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. FLAMMABLE LIQUID; EMPTY  
CONTAINERS CAN BE HAZARDOUS.  
Other Precautions:THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT SHOULD  
BE MADE BY THE MATERIAL USER BASED ON THE PARTICULAR CONDITIONS  
WH  
ERE THE MATERIAL IS TO BE USED TOGETHER WITH INFORMATION  
CONTAINED IN THIS MSDS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED  
OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.  
Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED.  
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL  
Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD  
Other Protective Equipment:EYE WASH  
STATION & SAFETY SHOWER.  
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.  
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK  
AREA.  
Supplemental Safety and Health  
NONE

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

HCC:F4  
Boiling Pt:B.P. Text:320F,160C  
Melt/Freeze Pt:M.P/F.P Text:-22F,-30C  
Vapor Density:>1  
Spec Gravity:0.81  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR LIQUID WITH KEROSENE ODOR  
Percent Volatiles by Volum  
e:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND  
OTHER HYDROCARBON COMPOUNDS DURING COMBUSTION.

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR  
OR DISP

USED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND  
FEDERAL LAWS AND REGULATIONS.

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