

INDEPENDENT ENERGY CO DIV OF INDEPENDENT CORP. -- WATER WHITE KEROSENE --  
9140-00-242-6749

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

Product ID:WATER WHITE KEROSENE

MSDS Date:04/04/1989

FSC:9140

NIIN:00-242-6749

MSDS Number: BJPCZ

=== Responsible Party ===

Company Name:INDEPENDENT ENERGY CO DIV OF INDEPENDENT CORP.

Box:957

City:ELYRIA

State:OH

ZIP:44036

Country:US

Info Phone Num:216-327-7100

Emergency P

hone Num:800-366-5303

CAGE:7U271

=== Contractor Identification ===

Company Name:INDEPENDENT ENERGY CO DIV OF INDEPENDENT CORP.

Box:957

City:ELYRIA

State:OH

ZIP:44036

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Phone:800-366-5303

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

Ingred Name:PETROLEUM DISTILLATES (NAPHTHA)

CAS:8002-05-9

RTECS #:SE7449000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:500 PPM(T); 400 PPM

ACGIH TLV:400 PPM

===== Hazards Identification

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: IRRITATION TO EYES, NOSE,  
THROAT, SKIN AND LOSS OF COORDINATION. CHRONIC: MAY PRODUCE SKIN  
TUMORS WITH PROLONGED AND EXCESSIVE CONTACT. WILL CAUSE SKIN DRYING  
AND CRACKING.

Explanation of Carcinogenicity:LIMITED ANIMAL EVIDENCE INDICATES  
PRODUCT MAY BE A CARCINOGENIC RISK CHEMICAL TO MAN.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO EYE, NOSE, THROAT, AND  
SKIN IRRITATION. MAY CAUSE LOSS OF COORDINATION.

Medical Conditions Aggravated by Exposure:PERSONS WITH A SKIN DISORDERS SUCH  
AS DERMATITIS SHOULD USE CAUTION WHEN HANDLING OR USING THIS  
PRODUCT.

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First Aid Measures

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH  
RESUSCITATION IF NOT BREATHING. GIVE OXYGEN IF BREATHING IS  
DIFFICULT. GET MEDICAL ATTENTION. EYES: FLUSH WITH RUNNING WATER  
FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION. SKIN:  
WASH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET  
MEDICAL ADVICE. INGESTED: DO NOT INDUCE VOMITING. GET MEDICAL  
ATTENTION IMMEDIATELY.

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Fire Fighting Measures

Flash Point Method:CC  
Flash Point:100F,38C  
Autoignition Temp:Autoignition Temp Text:410F  
Lower Limits:0.6  
Upper Limits:7.4  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE ON FLAMES, BUT SHOULD  
BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR SCBA WHEN FIRE  
FIGHTING IN CONFINED SPACE.

Unusual Fire/Explosion Hazard:HIGHLY VOLATILE, VAPORS MAY BE IGNITED BY  
OTHER IGNITION SOURCES.

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Accidental Release Measures

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

CONTAINERS. MAJOR:

DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF  
LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT. USE FOAM TO CONTROL  
VAPORS.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. COMBUSTIBLE LIQUID; EMPTY  
CONTAINERS CAN CONTAIN HAZARDOUS RESIDUES.

Other Precautions:NONE

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Exposure Controls/Personal Protection  
n  
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Respiratory Protection:USE NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR  
FOR HIGH VAPOR CONCENTRATIONS.

Ventilation:USE IN WELL VENTILATED AREA. USE MECHANICAL VENTILATION IN  
CONFINED SPACES. KEEP AIR CONCENTRATIONS BELOW TLV.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SPLASH SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR BODY  
COVERING WORK CLOTHES TO AVOID PROLONGED OR REPEATED EXPOSURE.

Work

Hygienic Practices:AVOID SKIN CONTACT. WASH THOROUGHLY AFTER USE.  
DO NOT EAT OR SMOKE IN WORK AREA. LAUNDRY SOILED CLOTHING BEFORE  
REUSE.

Supplemental Safety and Health  
NONE

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Physical/Chemical Properties  
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HCC:F4

Boiling Pt:B.P. Text:>300F,>149C

Vapor Pres:1.0

Vapor Density:>4

Spec Gravity:0.85

Evaporation Rate & Reference:N/K (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID. CHARACTERISTIC KEROSE

NE

ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, HALOGENS, STRONG ACIDS, AND STRONG ALKALI.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE AND ASPHYXIANTS.

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

Waste Disposal Methods:USER MUST DETERMINE IF THE MATERIAL IS A

HAZARDOUS WASTE. WASTE MAY BE BURNED IN AN APPROVED INCINERATOR OR  
DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND  
FEDERAL LAWS AND REGULATIONS.

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