

PITT PENN OIL CO -- PITT PENN PREMIUM HEAVY DUTY MILITARY ANTI-FR

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MSDS Safety Information  
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FSC: 6850  
NIIN: 01-471-6530  
MSDS Date: 04/23/2000  
MSDS Num: CKRYG  
Product ID: PITT PENN PREMIUM HEAVY DUTY MILITARY ANTI-FREEZE  
MFN: 01  
Responsible Party  
Cage: 0A1G5  
Name: PITT PENN OIL CO  
Address: 426 FREEPORT RD  
Box:  
296  
City: CREIGHTON PA 15030-0296  
Info Phone Number: 724-226-2712  
Emergency Phone Number: 800-255-3924  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 0A1G5  
Name: PITT PENN OIL CO  
Address: 426 FREEPORT RD  
Box: 296  
City: CREIGHTON PA 15030-0296  
Phone: 724-226-2712  
Contract Number: SP0450-00-M-SG01

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Item Description Information  
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Item Manager: S9G  
Item Name: ANTIFREEZE  
Specification Number: A-A-52624 50/50 RECY  
Unit of Issue: GL  
UI Container Qty: 1

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: ORAL LD50(RAT):N/P

Effects of Exposure: ACUTE: EYE: BELIEVED TO CAUSE SLIGHT EYE IRRITATION.

SKIN: BELIEVED TO BE SLIGHTLY IRRITATING UPON PROLONGED CONTACT. RESPIRATORY SYSTEM: DROWSINESS, NARCIOUS & UNCONSCIOUSNESS POSSIBLE UPON EXPOSURE TO HIGH CONCENTRATIONS IN POORLY VENTILATED CONFINED SPACES. CHRONIC: LIVER & KIDNEY DAMAGE IN A 2 YEAR OLD RAT FEEDING STUDY USING 1 TO 2 % ETHYLENE GLYCOL. ORAL ADMINISTRATION OF VERY HIGH DOES O F ETHYLE

NE GLYCOL PRODUCED

BIRTH DEFECTS IN LABORATORY AMINALS.

First Aid: EYE: IMMEDIATELY FLUSH WITH LG QUANTITIES OF WATER FOR AT LEAST 15

MINS & CALL A PHYSICIAN. SKIN: REMOVE EXCESS WITH CLOTH OR PAPER TOWEL.

WASH THOROUGHLY WITH SOAP & WATER. IF IRRITATION PERSISTS, GE T MEDICAL

ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE &/OR SUPPORT

BREATHING AS REQUIRED. KEEP VICTIM WARM & AT REST. SWALLOWED: IMMEDIATELY

CONTACT A PHYSICIAN, POISON CONTROL CENTER OR EMERG ENC

Y TREATMENT CENTER. DO

NOT INDUCE VOMITING! ASPIRATION HAZARD: PRODUCT MAY BE INHALED INTO LUNGS IF

VOMITED.

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### Handling and Disposal

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Spill Release Procedures: CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON

SUITABLE MATERIAL & SHOVEL UP. EMERGANCY TELEPHONE NUMBER - CHEM TEL, INC

1-800-255-3924.

Waste Disposal Methods: UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER OF

PRO

DUCTS TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER PRODUCT MEETS RCRA

CRITERIA FOR HAZARDOUS WASTE. THIS IS BECAUSE PRODUCT USES TRANSFORMATION S, MIXTURE, PROCESSES, ETC., MAY RENDER THE RESULTING MATERIAL HAZARDOUS.

DISPOSE OF IN ACCORDANCE W ITH FEDERAL, STATE & LOCAL LAWS.

Handling And Storage Precautions: MINIMUM FEASTIBLE HANDLING TEMPERATURE SHOULD

BE MAINTAINED. PERIODS OF EXPOSURE SHOULD BE MINIMIZED. WATER CONTAMINATION

SHOULD BE AVOIDED. DO NOT STORE IN OPEN OR UNLABLE

D CONTAINERS. WASH

THOROUG HLY AFTER HANDLING. ETHYLENE GLYCOL HAS PRODUCED BIRTH DEFECTS IN

RODENTS. DO NOT STORE NEAR FOOD.

Other Precautions: HARMFUL OR FATAL IF SWALLOWED. KEEP OUT OF REACH OF

CHILDREN. MAY CAUSE IRRITATION TO EYES. DO NOT DRINK ANTIFREEZE OR SOLUTION.

AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER HANDLING. DO NOT STORE I N

OPEN OR UNLABELED CONTAINERS.

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### Fire and Explosion Hazard Information

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Flash Point Method: COC  
Flash Point: >128.C, 262.4F  
Autoignition Temp: >413.C, 775.4F  
Lower Limits: 302  
Upper Limits: 15.3

Extinguishing Media: ACCORDING TO THE NATIONAL FIRE PROTECTION ASSOCIATION GUIDE, USE WATER SPARY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures: WATER OR FOAM MAY CAUSE FROTHING. USE WATER SPRAY TO DISPERSE THE VAPORS & TO PROVIDE PROTECTION FOR PERSON ATTEMPTING TO STOP THE LEAK.

Unusual Fire/Explosio  
n Hazard: NONE

#### Control Measures

Respiratory Protection: SUPPLIED AIR RESPIRATORY PROTECTION FOR CLEANING LARGE SPILLS OR UPON ENTRY INTO TANKS, VESSELS, OR OTHER CONFINED SPACES.

Ventilation: NORMAL TO MAINTAIN EXPOSURE BELOW TLV.

Eye Protection: CHEMICAL TYPE GOGGLES OR FACE SHIELD OPTIONAL.

Work Hygienic Practices: EXPOSED EMPLOYEES SHOULD EXERCISE REASONABLE PERSONAL CLEANLINES

S; THIS INCLUDES CLEANSING EXPOSED SKIN AREAS SEVERAL TIMES DAILY WITH SOAP & WATER & LAUNDERING OR DRY CLEANING SOILED WORK CLOTHING.

Supplemental Safety and Health: PERMISSIBLE CONCENTRATIONS IN AIR: 10 MG/CUBIC METER FOR PARTICULATE MIST; 50 PPM (125 MG/CUBIC METER) CEILING LIMIT FOR ETHYLENE GLYCOL (ACGIH 1984-1985).

#### Physical/Chemical Properties

HCC: B3

Boiling Point: =166.C  
, 330.8F

Vapor Pres: 18 MMHG @ 20 DEG C

Vapor Density: 2.14(AIR=1

Spec Gravity: 1.125 (H2O=1) @ 60 DEG C

PH: 10 TO 11

Evaporation Rate & Reference: NOT DETERMINED

Solubility in Water: SOLUBLE

Appearance and Odor: NONE PROVIDED BY MFR.

Percent Volatiles by Volume: NIL

#### Reactivity Data

Stability Condition To Avoid: HIGH TEMPERATURES ABOVE 413 DEG C (775 DEG F).  
(PRODUCT CAN DECOMPO

SE)

Materials To Avoid: STRONG OXIDIZERS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: DO NOT OCCUR

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Toxicological Information  
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Toxicological Information: MEDIAN LETHAL DOSE (LD50 LC50 X SPECIES). ORAL:  
BELIEVED TO BE 4.7-8.5 G/KG (RAT) MODERATELY TOXIC. INHALATION: NOT  
DETERMINED. DERMA

L: BELIEVED TO BE 1-3 G/KG (RABBIT); SLIGHTLY TOXIC. OTHER:  
NOT DETERMINED. IRRITATION INDEX/ESTIMATION OF IRRITATION (SPECIES). SKIN:  
BELIEVED TO BE 0.5-1.8/8.0 (RABBIT); SLIGHTLY IRRITATING. EYES: BELIEVED TO  
BE 15-25/110 (RABBIT); SLIGHTLY IRRITATING.

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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Sara Title III Information: SARA 313 INFORMATION: CONTAINS FOLLOWING SUBSTANCES  
WHICH LISTED IN TITLE III: ETHYLENE GLYCOL. SARA HAZARD CATEGORY: AN  
IMMEDIATE HEALTH HAZARD. A DELAYED HEALTH HAZARD.

Federal Regulatory Information: ALL COMPONENTS LISTED ON BOTH TSCA (USA) AND  
DSL (CANADA) INVENTORY.

State Regulatory Inf

ormation: 1,2-ETHANEDIOL (ETHYLENE GLYCOL) \* HAZARDOUS  
ACCORDING TO OSHA (1910.1200) ONE OR MORE STATE RIGHT-TO-KNOW LIST.

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Other Information  
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Transportation Information  
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Responsible Party Cage: 0A1G5

Trans ID NO: 154321

Product ID: PITT PENN PREMIUM HEAVY DUTY MILITARY ANTI

-FREEZE

MSDS Prepared Date: 04/23/2000

Review Date: 08/03/2000

MFN: 1

Net Unit Weight: 9.4 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: GL

Container QTY: 1

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Detail DOT Information  
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail IMO Information  
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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
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Detail IATA Information  
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Information  
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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=====  
HAZCOM Label  
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Product ID: PITT PENN PREMIUM HEAVY DUTY MILITARY ANTI-FREEZE

Cage: 0A1G5

Company Name: PITT PENN OIL CO

Street: 426 FREEPORT RD

PO Box: 296

City: CREIGHTON PA

Zipcode: 15030-0296

Health Emergency Phone: 800-255-3924

Label Required IND: Y

Date Of Label Review: 08/03/2000

Status Code: A

Year Procured: 2

000

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: ACUTE: EYE: BELIEVED TO CAUSE SLIGHT EYE IRRITATION.

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