

PITT PENN OIL CO -- PITT PENN PREMIUM HEAVY DUTY MILITARY ANTIFRE

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MSDS Safety Information  
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FSC: 6850  
NIIN: 01-464-9125  
MSDS Date: 04/23/2000  
MSDS Num: CKSBS  
Product ID: PITT PENN PREMIUM HEAVY DUTY MILITARY ANTIFREEZE  
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: 1-800-255-3924  
Proprietary 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-SG02  
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-SG03  
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-SG30  
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-SG84  
Cage: 0A1G5  
Name: PITT PENN OIL CO  
Address: 426 FREEPORT RD  
Box: 296

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Item Description Information  
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Item Manager: S9G  
Item Name: ANTIFREEZE  
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 RAT LD50: 4.7-8.5 G/KG  
Effects of Exposure: EYE: BELIEVED TO CAUSE SLIGHT EYE IRRITATION. SKIN:  
BELIEVED TO BE SLIGHTLY IRRITATING UPON PROLONGED CONTACT. RESPIRATORY  
SYSTEM: DROWSINES, NARCOSIS, AND UNCONSCIOUSNESS POSSIBLE UPON EXPOSURE TO HI  
GH CONCENTRATIONS IN POORLY VENTILATED CONFINED SPACES. CHRONIC: LIVER AND  
KIDNEY DAMAGE IN A 2 YEAR RAT FEEDING STUDY USING 1-2% ETHYLENE GLYCOL. ORAL

ADMINISTRATION OF VERY HIGH DOSES OF ETHYLENE GL YCOL PRODUCED BIRTH DEFECTS  
IN LABORATORY ANIMALS. SENSITIZATION PROPERTIES-SKIN: UNKNOWN- RESPIRATORY:  
UNKNOWN.

Signs And Symptions Of Overexposure: EYE: BELIEVED TO CAUSE SLIGHT EYE  
IRRITATION. SKIN: BELIEVED TO BE SLIGHTLY IRRITATING UPON PROLONGED CONTACT.  
RESPIRATORY SYSTEM: DROWSINES, NARCOSIS, AND UNCONSCIOUSNESS POSSIBLE UPON  
EXPOSURE TO HI GH CONCENTRATIONS IN POORLY VENTILATED CONFINED SPACES.  
CHRONIC: LIVER AND KIDNEY DAMAGE  
IN A 2 YEAR RAT FEEDING STUDY USING 1-2%  
ETHYLENE GLYCOL. ORAL ADMINISTRATION OF VERY HIGH DOSES OF ETHYLENE GL YCOL  
PRODUCED BIRTH DEFECTS IN LABORATORY ANIMALS. SENSITIZATION PROPERTIES-SKIN:  
UNKNOWN- RESPIRATORY: UNKNOWN.

First Aid: EYE: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST  
15 MINUTES AND CALL A PHYSICIAN. SKIN: REMOVE EXCESS WITH CLOTH OR PAPER  
TOWEL. WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PE RSISTS, GET  
MEDICAL ATTENTION. INHALATION: REMOVE

TO FRESH AIR. RESTORE AND/OR SUPPORT

BREATHING AS REQUIRED. KEEP VICTIM WARM AND AT REST. SWALLOWED: IMMEDIATELY CONTACT A PHYSICIAN, POISON CONTROL CENTER OR EMERGENCY 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 AND SHOVEL UP. EMERGENCY TELEPHONE NUMBER-CHEM TEL, INC. -1-800-255-3924.

Waste Disposal Methods: UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER OF PRODUCTS TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER PRODUCT MEETS RCRA CRITERIA FOR HAZARDOUS WASTE. THIS IS BECAUSE PRODUCT USES TRANSFORMATIONS, MIXTURE, PROCESSES, ETC., MAY RENDER THE RESULTING MATERIAL HAZARDOUS. DISPOSE OF WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS.

Handling And Storage Precautions: MINIMUM FEASIBLE HANDLING TEMPERATURE SHOULD

BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURE SHOULD BE MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED.

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 IN OPEN OR UNLABELED CONTAINERS. ETHYLENE GLYCOL HAS PRODUCED BIRTH DEFECTS IN RODENTS. DO NOT STORE NEAR FOOD

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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: 3.2

Upper Limits: 15.3

Extinguishing Media: USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING.

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

Unusual Fire/Explosion Hazard: NONE. CARBON MONOXIDE AND CARBON DIOXIDE MAY BE FORMED ON BURNING IN LIMITED AIR SUPPLY.

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Control Measures  
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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: CH

EMICAL TYPE GOGGLES OR FACE SHIELD OPTIONAL.

Work Hygienic Practices: EXPOSED EMPLOYEES SHOULD EXERCISE REASONABLE PERSONAL CLEANLINESS; TO INCLUDE CLEANSING EXPOSED SKIN AREAS SEVERAL TIMES DAILY WITH SOAP & WATER & LAUNDER OR DRY CLEAN SOILED WORK CLOTHING AT LEAST WKLY

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Physical/Chemical Properties

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HCC: V5  
Boiling Point: =166.C, 330.8F  
Vapor Pres: 18 MMHG  
Vapor Density: 2.14  
PH:  
(NEAT) 10-11  
Evaporation Rate & Reference: NOT DETERMINED  
Solubility in Water: SOLUBLE  
Percent Volatiles by Volume: NIL

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Reactivity Data

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Stability Condition To Avoid: HIGH TEMPERATURES ABOVE 413C (775F) (PRODUCT CAN DECOMPOSE).  
Materials To Avoid: STRONG OXIDIZERS.  
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE.  
Hazardous Polymerization Indicator: NO  
Condition  
s 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. DERMAL: BELIEVED TO BE 1-3 G/KG (RABBIT); SLIGHTLY TOXIC. OTHER: NOT D ETERMINED. 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 3113: CONTAINS FOLLOWING SUBSTANCE WHICH IS 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.

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Other Information

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Transportation Information

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Responsible Party Cage: 0A1G5

Trans ID NO: 154368

Product ID: PITT PENN PREMIUM HEAVY DUTY MILITARY ANTIFREEZE

MSDS Prepared Date: 04/23/2000

Review Date: 08/08/2000

MFN: 1

Net Unit Weight: 9.3 LBS

Multiple KIT Number: 0

Unit Of Issue: GL

Container QTY: 1

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Detail DOT Information

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DOT PSN Code: ZZZ

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T 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 ANTIFREEZE

Cage: 0A1G5

Company Name: PITT PENN OIL CO

Street: 426 FREEPORT R

D  
PO Box: 296  
City: CREIGHTON PA  
Zipcode: 15030-0296  
Health Emergency Phone: 1-800-255-3924  
Label Required IND: Y  
Date Of Label Review: 03/08/2001  
Status Code: C

Year Procured: 2000  
Origination Code: F  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: NO  
Signal Word: CAUTION  
Respiratory Protection IND: YES  
Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: Slight  
Reactivity Hazard: None

Hazard And Precautions: HARMFULL IF SWALLOWED! CAUSES SLIGHT EYE & SKIN IRRITATI

ON. RESPIRATORY SYSTEM: DROWSINES, NARCOSIS, AND UNCONSCIOUSNESS POSSIBLE UPON EXPOSURE TO HIGH CONCENTRATIONS IN POORLY VENTILATED CONFINED SP ACES. CHRONIC: LIVER AND KIDNEY DAMAGE.FIRST AID: EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. CALL PHYSICIAN. SKIN: FLUSH WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHINGS. WASH CLOTHING BEFOR E REUSE. INHALATION: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. INGESTION: DO NOT INDUCE VOMITING, ASPIRATION HAZARD! CALL A PHYSICIAN.

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