

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: 01-464-9096
MSDS Date: 04/23/2000
MSDS Num: CKSBR
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 CHEM-TEL

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Item Description Information
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Item Manager: S9G
Item Name: ANTIFREEZE
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container: DRUM

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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 CONCENTRAT

IONS 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 Symptoms 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, POSION CONTROL C ENTER OR EMERGENCY TREATMENT CENTER. DO NOT INDUCE VOMITING! ASPIRATION HAZARD: PRODUCT MY BE INHALED INTO LUNGS IF VOMITED.

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Handling and Disp
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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 TRANSFORMATION S, MIXTURE, PROCESSES, ETC., MAY RENDE R THE RESULTING MATERIAL HAZARDOUS.

DISPOSE OF WASTE IN ACCORD ANCE 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 AF

TER 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 LAR
GE

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
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 Propert
ies
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HCC: V5

Boiling Point: =110.C, 230.F

Vapor Pres: N/D

Vapor Density: N/D

PH: (NEAT) 10-11

Evaporation Rate & Reference: N/D

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

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. DERMAL: 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 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 Code: 0A1G5

Trans ID NO: 154367

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: 517 LBS

Multiple KIT Number: 0

Unit Of Issue: DR

Container QTY: 1

Type Of Container: DRUM

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onal Data: PROPER SHIPPING NAME IS PER MSDS.

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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 ANTIFREEZE

Cage: 0A1G5

Company Name: PITT PENN OIL CO

Street: 426 FREEPORT RD

PO Box: 296

City: CREIGHTON PA

Zipcode: 15030-0296

Health Emergency Phone: 1-800-255-3924 CHEM-TEL

Label Required IND: Y

Date Of Label Review: 08/08/2000

Status Code: A

Year Procured: 2000

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: NO

Signal Word: CAUTI

ON

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

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