

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: 01-464-9137
MSDS Date: 04/23/2000
MSDS Num: CKRFC
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: 800-255-3924 CHEM TEL

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Item Description Information
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Item Manager: S9G
Item Name: ANTIFREEZE
Specification Number: A-A-52624
Type/Grade/Class: TY I, RECYCLED
Unit of Issue: CO
Quantitative Expression: 00000000005GL
UI Container Qty: 1
Type of Container: CONTAINER

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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: DROWSINESS, NARC

OSIS, AND UNCONSCIOUSNESS POSSIBLE UPON EXPOSURE TO HIGH 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 OFF VERY HIGH DOSES OF ETHYLENE GLYCOL PRODUCED BIRTH DEFECTS IN LABORATORY ANIMALS. SKIN AND RESPIRATORY SENSITIZATION: UNKNOWN. Signs And Symptions Of Overexposure: EYE: SLIGHT EYE IRRITATION. SKIN: SLIGHTLY IRRITATING UPON PROLONGED CONTACT. RESPIRATORY SYSTEM: DROWSINESS, NARCOSIS, AND UNCONSCIOUSNESS.

Medical Cond Aggravated By Exposure: NOT PROVIDED

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, P

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 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.

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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: &

t;413.C, 775.4F

Lower Limits: 3.2

Upper Limits: 15.3

Extinguishing Media: USE WATER SPRAY, DRY CHEMICAL, FOAM, CARBON DIOXIDE

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

Unusual Fire/Explosion Hazard: NONE.

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Control Measures
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Respiratory Protection: SUPPLIED AIR RESPIRATORY PROTECTION FOR CLEANING LARGE SPILLS 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 ; THIS INCLUDES CLEANSING EXPOSED SKIN AREAS SEVERAL TIMES DAILY WITH SOAP/WATER, AND LAUNDERING OR DRY CLEANING SOILED WORK CLOTHING

Supplemental Safety and Health: RECYCLED CONCENTRATED ANTIFREEZE.

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Physical/Chemical Properties
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HCC: V5

NRC/State LIC No: NOT RELEVANT

Boiling Point: =166.C, 330.8F

M.P/F.P Text: NOT PROVIDED

Decomp Temp: =412.8C, 775.F

Vapor Pres: 18MMHG

Vapor Density: 2.14

Spec Gravity: 1.125

PH: 10-11(NEAT)

Evaporation Rate & Reference: NOT DETERMINED

Solubility in Water: SOLUBLE

Percent Volatiles by Volume: NIL

Corrosion Rate: NOT PROVIDED

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Reactivity Data
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Stability Condition To Avoid: HIGH TEMPERATURES ABOVE 413 C(775F) (PRODUCT CAN DECOMPOSE).

Materials To Avoid: STRONG OXIDIZERS

Hazardous Decomposition Products: CARBON DIOXIDE AND CARBON MONOXIDE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: DOES 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: CONTAINS FOLLOWING SUBSTANCE WHICH IS LISTED IN
TITLE III: ETHYLENE GLYC

OL. SARA HAZARD CATEGORY: AN IMMEDIATE HEALTH HAZARD.

A DELAYED HEALTH HAZARD.

Federal Regulatory Information: ALL COMPONENTS LISTED ON TSCA (USA) INVENTORY.
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Other Information
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Other Information: ALL COMPONENTS LISTED ON DSL INVENTORY (CANADA).
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Transportation Information
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Responsible Party Cage: 0A1G5

Trans ID NO: 154121

Product ID: PITT PENN PREMIUM HEAVY DUTY MILITARY ANTIFREEZE

MSDS Prepared Date: 04/23/2000

Review Date: 04/09/2001

MFN: 1

Net Unit Weight: 47 LBS

Multiple KIT Number: 0

Unit Of Issue: CO

Container QTY: 1

Type Of Container: CONTAINER

Additional Data: NOT REGULATED FOR TRANSPORTATION, PER MSDS.
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Detail DOT Information
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DOT PSN Code: ZZZ

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OT 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: 800-255-3924 CHEM TEL

Label Required IND: Y

Date Of Label Review: 04/09/2001

Status Code: C

MFG Label NO: NOT PROVIDED

Year Procured: 2001

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: NO

Skin Protection IND: NO

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None
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