

PITT PENN OIL CO -- 22760 ISOPROPYL GAS LINE ANTIFREEZE -- 6850-00D003221

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

Product ID:22760 ISOPROPYL GAS LINE ANTIFREEZE  
MSDS Date:01/16/1992  
FSC:6850  
NIIN:00D003221  
MSDS Number: BSVRW  
=== Responsible Party ===  
Company Name:PITT PENN OIL CO  
Address:FREEPORT RD  
Box:296  
City:CREIGHTON  
State:PA  
ZIP:15030-0296  
Country:US  
Info Phone Num:412-226-2712  
Emergency Phone Num:412-226-2712(213-664-2121-LA)  
Preparer's Name:PAUL A. PAVLIK  
CAGE:0A1G5

=== Contractor Identification ===

Company Name:PITT PENN OIL CO  
Address:426 FREEPORT RD  
Box:296  
City:CREIGHTON  
State:PA  
ZIP:15030-0296  
Country:US  
Phone:724-226-2712  
CAGE:0A1G5

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 95-100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:400 PPM  
ACGIH TLV:400 PPM/500STEL;9394

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >4420 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE  
RESPIRATORY IRRITATION; HIGH CONCENTRATIONS MAY CAUSE DROWSINESS,

INCOORDINATION, NARCOSIS. CONTACT MAY CAUSE MILD SKIN AND SEVERE EYE IRRITATION. INGESTION MAY CAUSE GI TR ACT IRRITATION, DROWSINESS. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE KIDNEY/LIVER/BRAIN DAMAGE.

Explanation of Carcinogenicity:IARC LISTS ISOPROPYL ALCOHOL AS "INSUFFICIENT EVIDENCE" (I).

Effects of Overexposure:INHALED: DROWSINESS, COUGHING, WHEEZING, NARCOSIS, INCOORDINATION. EYES: REDNESS, TEARING, BURNING SENSATION. SKIN: REDNESS, DISCOMFORT. INGESTED: DROWSINESS, GI TRACT PAIN, CRAMPS, NAUSEA, VOMITING, DIARRHEA, UNCONSCIOUSNESS, DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER. NONE FOUND.

===== First Aid Measures =====

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. GET MEDICAL ATTENTION. EYES: FLUSH EYES WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTED: IF CONSCIOUS, INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:53.0F,11.7C

Lower Limits:2.0%

Upper Limits:12.0%

Extinguishing Media:FOAM, CARBON DIOXIDE, OR DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER. AVOID SPREADING BURNING LIQUID WITH WATER.

Unusual Fire/Explosion Hazard:KEEP WORK AREAS FREE OF HOT METAL SURFACES AND OTHER SOURCES OF IGNITION.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. LARGE SPILL-FLUSH SPILLED MATERIAL INTO SUITABLE RETAINING AREA OR CONTAINER WITH LARGE AMOUNT OF WATER. SMALL SPILL-ABSORB WITH INERT MATERIAL. PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS. USE AND STORE WITH

ADEQUATE VENTILATION.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 .

Ventilation:USE ADEQUATE MECHANICAL EXPLOSION-PROOF VENTILATION TO AMINTAIN EXPOUSURE BELOW REGULATORY LIMITS.

Protective Gloves:RUBBER, PVC

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IMPERMEABLE APRON, EYE WASH STATION & SAFETY SHOWER

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS AQUIRED FOR TECH SUPPORT BY DGSC-HMIS STAFF FOR DRMO IN ORDER TO DISPOSE OF PROPERTY.

===== Physical/Chemical Properties =====

HCC:F3

Boiling Pt:B.P. Text:180F,82C

Vapor Pres:33 MM HG

Vapor Density:>1

Spec Gravity:0.783 (WATER=1)

Evaporation Rate & Reference:5.91 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID; ALCOHOL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
ANHYDRIDES, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:EXTREME HEAT. AVOID CONTACT ANHYDRIDE OR STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. EPA WASTE NUMBER D001 MAY APPLY FOR PURE PRODUCT.

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