

P-T TECHNOLOGIES -- PF-145HP DEGREASER SOLVENT - CLEANING COMPOUND, SOLVENT  
MATERIAL SAFETY DATA SHEET  
NSN: 6850013780044  
Manufacturer's CAGE: OJVH6  
Part No. Indicator: B  
Part Number/Trade Name: PF-145HP DEGREASER SOLVENT

=====

**General Information**

=====

Item Name: CLEANING COMPOUND, SOLVENT  
Company's Name: P-T TECHNOLOGIES INC  
Company's Street: 108 4TH AVENUE, SOUTH  
Company's P. O. Box: NONE  
Company's City: SAFETY HARBOR  
Company's State: FL  
Company's Country: US  
Company's Zip Code: 34695  
Company's Emerg Ph #: 813-726-4644  
Company's Info Ph #: 800-441-7874/813-726-4644  
Record No. For Safety Entry: 002  
Tot Safety Entries This Stk#: 002  
Status: FE  
Date MSDS Prepared: 21OCT94  
Safety Data Review Date: 03APR96  
Supply Item Manager: CX  
MSDS Serial Number: BXHQC  
Specification Number: NONE  
Spec Type, Grade, Class: NONE  
Hazard Characteristic Code: F8  
Unit Of Issue: BX  
Unit Of Issue Container Qty: 6 X 1 GALLONS  
Type Of Container: IP. 2 IN 4G  
Net Unit Weight: 6 X 7.2 LBS  
NRC/State License Number: NONE  
Net Propellant Weight-Ammo: NONE

=====

**Ingredients/Identity Information**

=====

Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 01

-----  
Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 02

=====

**Physical /Chemical Characteristics**

=====

Appearance And Odor: COLORLESS LIQUID WITH CHARACTERISTIC ODOR.  
Boiling Point: 360F, 182C  
Melting Point: UNKNOWN  
Vapor Pressure (MM Hg/70 F): 1 MM  
Vapor Density (Air=1): >1  
Specific Gravity: 0.86  
Decomposition Temperature: UNKNOWN  
Evaporation Rate And Ref: 11.9 (N-BUAC = 1)  
Solubility In Water: NON-SOLUBLE.

Percent Volatiles By Volume: 100

Viscosity: UNKNOWN

pH: N/A

Corrosion Rate (IPY): UNKNOWN

Autoignition Temperature: 830F

=====

**Fire and Explosion Hazard Data**

=====

Flash Point: 145F, 63C

Flash Point Method: TCC

Lower Explosive Limit: 1.8

Upper Explosive Limit: 11.7

Extinguishing Media: EXTINGUISH W/CO2, FOAM, OR DRY CHEMICAL. CLASS B FIRE PROCEDURES.

Special Fire Fighting Proc: CLASS B FIRE PROCEDURES.

Unusual Fire And Expl Hazrds: COMBUSTIBLE LIQUID. CAN FORM COMBUSTIBLE MIXTURES AT OR ABOVE FLASH POINT.

=====

**Reactivity Data**

=====

Stability: YES

Cond To Avoid (Stability): KEEP AWAY FROM HEAT SOURCES/OPEN FLAMES/ OTHER IGNITION SOURCES.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomp Products: SMOKE, CARBON MONOXIDE AND CARBON DIOXIDE

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): WILL NOT OCCUR.

=====

**Health Hazard Data**

=====

LD50-LC50 Mixture: PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: EYE: MAY CAUSE IRRIT, TEARING, REDNESS. DOES NOT INJURE EYE. SKIN: PROLONG/REPEAT CONTACT MAY CAUSE DEFATTING, DRYNESS. CONT DRYNESS MAY CAUSE DERM INHAL: EXCESSIVE VAP INHAL CAN CAUSE IRRIT OF RESP TRACT, NAU, DIZZ, HEADACHE. INGEST: HAS LOW ORDER OF ACUTE ORAL TOXICITY BUT INGEST OF LG AMTS MAY CAUSE NAU, VOMIT, GI IRRIT. (SUPPLEMEN)

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: THIS PRODUCT DOES NOT CONTAIN A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA AS A CARCINOGEN &/OR REPRODUCTIVE TOXICANT

Signs/Symptoms Of Overexp: EYE: IRRIT, TEARING, REDNESS. SKIN: DEFATTING, DRYNESS, DERMATITIS. INHAL: RESP TRACT IRRIT, NAUSEA, DIZZINESS, HEADACHE. INGEST: LG AMTS MAY CAUSE NAUSEA, VOMITING, GI IRRIT. INJURY IF ASPIRATED INTO LUNGS.

Med Cond Aggravated By Exp: MFR GAVE NO INFORMATION ON MSDS.

Emergency/First Aid Proc: EYE: FLUSH W/WATER FOR 15MINS. IRRIT PERSISTS CONTACT PHYSICIAN. SKIN: WASH THOROUGHLY W/ SOAP/WATER. REMOVE CONTAMIN CLOTH. INHAL: GET TO FRESH AIR. BREATHING IS DIFFICULT SEE PHYSICIAN. INGEST: DO NOT INDUCE VOMIT. PRODUCT CONTAINS HYDROCARBON. CONSULT PHYSICIAN.

=====

**Precautions for Safe Handling and Use**

=====

Steps If Matl Released/Spill: REMOVE IGN SOURCES. CONTAIN SPILL. RECOVER

FREE PRODUCT. ABSORB W/SUITABLE CHEM ABSORBENT FOR DISPOSAL VIA INCINERATION/BURIAL IN APPROVED LANDFILL. OBSERVE LOC/STATE/FED REGS. WATER SPILL: REMOVE BY SKIMMING/USE OF SUITABLE ABSORBENT.  
Neutralizing Agent: MFR GAVE NO INFORMATION ON MSDS.  
Waste Disposal Method: DISPOSAL VIA INCINERATION OR BURIAL IN APPROVED LANDFILL. OBSERVE LOCAL, STATE AND FEDERAL REGULATIONS. CERCLA: NOT REPORTABLE. RECOMMEND CONTACT LOCAL AUTHORITIES TO DETERMINE IF THERE MAY BE OTHER LOC REPORTING REQMTS. RCRA HAZ CLASS: NOT HAZ.  
AMBIENT. KEEP AWAY FROM HEAT SOURCES, OPEN FLAMES, OTHER IGNITION SOURCES.  
Other Precautions: ELECTROSTATIC ACCUMULATION HAZ: UNKNOWN, USE PROPER GROUNDING PROCEDURES. SCAQMD INFO: PHOTOCHEMICALLY REACTIVE MATL PRESENT, %BY VOL OF PHOTOCHEM REACTIVE MATL: <80%.

=====  
**Control Measures**  
=====

Respiratory Protection: GET IMMEDIATE MEDICAL ATTENTION.  
Ventilation: NORMAL ROOM VENTILATION IS ADEQUATE. USE FANS OR OTHER MECHANICAL VENTILATION IN ENCLOSED AREAS WHERE LG AMT OF PROD USED  
Protective Gloves: SOLVENT RESISTANT GLOVES.  
Eye Protection: SAFETY GLASSES.  
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices: LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS AFTER HANDLING.  
Suppl. Safety & Health Data: NONE

=====  
**Transportation Data**  
=====

Trans Data Review Date: 96094  
DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
IMD PSN Code: ZZZ  
IMD Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
AFI PSN Code: ZZZ  
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
MMAC Code: NK  
Additional Trans Data: DOT PROPER SHIPPING NAME/ID#: NOT APPLICABLE, DOT HAZ CLASS: NOT HAZARDOUS, COMBUSTIBLE PER 29CFR1910.1200.

=====  
**Disposal Data**  
=====

=====  
**Label Data**  
=====

Label Required: YES  
Technical Review Date: 03APR96  
MFR Label Number: NONE  
Label Status: F  
Common Name: PF-145HP DEGREASER SOLVENT  
Signal Word: CAUTION!  
Acute Health Hazard-Slight: X  
Contact Hazard-Slight: X  
Fire Hazard-Slight: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: \*\*TARGET-ORGANS: SKIN, EYES, RESPIRATORY SYSTEM, CNS\*\* EYE: MAY CAUSE IRRIT, TEARING, REDNESS. DOES NOT INJURE EYE.

SKIN: PROLONG/REPEAT CONTACT MAY CAUSE DEFATTING, DRYNESS. CONT DRYNESS MAY CAUSE DERM INHAL: EXCESSIVE VAP INHAL CAN CAUSE IRRIT OF RESP TRACT, NAU, DIZZ, HEADACHE. INGEST: HAS LOW ORDER OF ACUTE ORAL TOXICITY BUT INGEST OF LG AMTS MAY CAUSE NAU, VOMIT, GI IRRIT. (SUPPLEMEN) KEEP OUT OF REACH OF CHILDREN. STOREAGE TEMP: AMBIENT. KEEP AWAY FROM HEAT SOURCES, OPEN FLAMES, OTHER IGNITION SOURCES. IN CASE OF SPILL: REMOVE IGN SOURCES. CONTAIN SPILL. RECOVER FREE PRODUCT. ABSORB W/SUITABLE CHEM ABSORBENT FOR DISPOSAL.

Protect Eye: Y

Protect Skin: Y

Label Name: P-T TECHNOLOGIES INC

Label Street: 108 4TH AVENUE, SOUTH

Label P.O. Box: NONE

Label City: SAFETY HARBOR

Label State: FL

Label Zip Code: 34695

Label Country: US

Label Emergency Number: 813- 726- 4644

Year Procured: 1996