

**PANNIER CORPORATION**  
207 SANDUSKY STREET, PITTSBURGH, PA 15212-5823 U.S.A.  
**MATERIAL SAFETY DATA SHEET**

APV MSDS NUMBER: RC-6-936  
MSDS NAME: YELLOW JET PRINTER INK  
IJ050-9008-371  
February 15, 2005  
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**IMPORTANT:** Read this MSDS before handling and disposing of this product, and pass this information on to employees, customers and all users of this product.

**CHEMTREC 24-HOUR EMERGENCY TELEPHONE NUMBER: 800-424-9300**  
**INTERNATIONAL EMERGENCY TELEPHONE NUMBER: 703-527-3887**

**SECTION I – PRODUCT AND COMPANY INFORMATION**

PRODUCT NAME: YELLOW JET PRINTER INK  
CAS NO.: NOT APPLICABLE (MIXTURE)  
HAZARD RATING: Health: 1 Fire: 3 Reactivity: 0 PPI: H

Manufacturing Company Information: Akron Paint & Varnish, Inc.  
DBA APV Engineered Coatings  
1390 Firestone Parkway  
Akron OH 44301  
Contact: James K. Mosey  
Telephone/Fax: (330) 773-8911 (330) 773 -1028

Product Class: Ink  
Trade Name: JET PRINTER INK  
Product Code: RC-6-936  
UN Number: 1210  
Shipping Name: Printing Ink

**SECTION II – INGREDIENT AND HAZARD INFORMATION**

Ingredient Name	CAS Number	Percent	TSCA
PETROLEUM HYDROCARBON DISTILLATE	68410-97-9	30-60	Y
HMIS Health: 1 Fire: 3 Reactivity: 0 PPI:			
MINERAL SPIRITS REGULAR	8052-41-3	30-60	Y
HMIS Health: 1 Fire: 2 Reactivity: 0 PPI:			
V M&P Naphtha	64742-89-8	20-40	Y
HMIS Health: 1 Fire: 3 Reactivity: 0 PPI:			

ALL INGREDIENTS IN THIS MIXTURE ARE LISTED ON THE TSCA INVENTORY.

SECTION 313 SUPPLIER NOTIFICATION: This product may contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40 CFR 372 (noted by the \$ symbol).

CAUTION: This product may become a dust nuisance when removed by sanding, abrading or sandblasting. Dust masks should be worn during these operations.

NE = not established      NR = not regulated      NA = not available

THIS PRODUCT DOES NOT CONTAIN POLYCYCLIC ORGANIC MATERIAL SOLVENTS.

**SECTION III – PHYSICAL DATA**

Form: LIQUID  
Appearance/Color: YELLOW  
Odor: HYDROCARBON  
PH Value: Not applicable  
Boiling Range: 209 °F – 400 °F (98.33°C– 204.44°C)  
Vapor Pressure (mmHg): Not available

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Melting Point: Not Applicable  
Evaporation Rate: Slower than n-Butyl Acetate  
Vapor Density: Heavier than air  
Partition Coefficient: Not applicable  
% Volatile Weight: 94.3%  
% Volatile Volume: 96.59%  
Specific Gravity: 0.77752  
VOC: 6.11 LBS/GAL  
Molecular Weight:  
Heavy Elements (ppm): 0.

#### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flammability Class: IB  
Flash Range: 20 ° F – 105 ° F (-6.67° C – 40.56° C)  
Tag Closed Cup  
Explosive Range: 1.0%  
8%

#### EXTINGUISHING MEDIA:

Carbon Dioxide ----- Dry Chemical ----- Foam ----- Water Fog

Use water for cooling material stored in vicinity of fire.

#### SPECIAL FIREFIGHTING PROCEDURES:

Use self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode. Wear protective clothing.

#### UNUSUAL FIRE & EXPLOSION HAZARDS:

Vapors are heavier than air and may travel along the ground to an ignition source some distance from material handling point. Ignition sources include pilot lights, smoking, heaters, electric motors, sparks from electrical switches and static discharges.

CAUTION: Never use cutting torch on empty containers! Residual solvent vapor in empty container may explode. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

#### SECTION V – HEALTH HAZARD DATA

Route	Species	Exposure and dose
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#### PERMISSIBLE EXPOSURE LEVEL:

Refer to Section II

#### EFFECTS OF OVEREXPOSURE:

EYES: Can cause redness, irritation, swelling and blurred vision.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

BREATHING: Excessive inhalation of vapors and/or spraymist can cause respiratory irritation, dizziness, weakness, fatigue, nausea, headache, unconsciousness and even asphyxiation.

SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea; aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.

#### FIRST AID:

EYES: Flush with large amounts of water for 15 minutes. Lift eyelids occasionally and get prompt medical attention.

SKIN: Wash thoroughly with soap and water, remove contaminated clothing promptly; wash clothing before reuse. Consult a physician if irritation persists.

SWALLOWING: Since this product may contain materials which can cause lung damage, if aspirated into the lungs, the decision whether to induce vomiting must be made by a physician after careful consideration of all materials ingested.

BREATHING: Move affected person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet and get medical attention. Consult a physician.

#### SECTION VI – REACTIVITY DATA

Stability: This product is stable.  
Hazardous Polymerization: Hazardous polymerization will not occur.  
INCOMPATIBILITY

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Avoid contact with strong oxidizers (e.g., nitric acid)  
CONDITIONS TO AVOID:  
Keep away from heat and open flame.  
HAZARDOUS DECOMPOSITION PRODUCTS:  
May form carbon monoxide and dioxide, various hydrocarbons, etc.

**SECTION VII – SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IIN CASE MATERIAL IS RELEASED OR SPILLED:  
SMALL SPILL: Absorb liquid with rags, floor absorbent, vermiculite or other absorbent material and transfer to hood.  
LARGE SPILL: Eliminate all ignition sources. Dike area of spill to prevent spreading. Ventilate area, if indoors. Pump liquid into salvage tank. Remaining liquid may be taken up with sand, floor absorbent or other absorbent material and shoveled into containers. Prevent run-off to sewers and bodies of water. Notify proper authorities as required by local, state and federal regulations.  
WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

**SECTION VIII – SPECIAL PROTECTION INFORMATION**

**Occupational exposure limits**

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
PETROLEUM HYDROCARBON DISTILLATE	400.00 PPM	NE	NE	NE	400.00 PPM
MINERAL SPIRITS REGULAR	100.00 PPM	NE	NE	NE	100.00 PPM
V M& P NAPHTHA	300.00 PPM	NE	NE	NE	300.00 PPM

RESPIRATORY PROTECTION:  
In outdoor or open areas with unrestricted ventilation approved chemical/mechanical filters designed to remove a combination of particulates and vapor.  
VENTILATION:  
Provide sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit and volatiles below lower explosive limit. Heavy solvent vapors should be removed from the lower levels of area, and all ignition sources (non0explosion proof equipment) should be eliminated if flammable mixtures will be encountered. Remove decomposition products formed during welding or flame cutting of surfaces coated with this product. For baking finishes – vent vapors emitted on heating.  
PROTECTIVE GLOVES:  
Wear resistant gloves such as: nitrile rubber.  
EYE PROTECTION:  
Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses (consult your safety equipment supplier).  
OTHER PROTECTIVE EQUIPMENT:  
Normal protective clothing. Wash contaminated clothing before reuse.

**SECTION IX – SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:  
Do not drop containers. Avoid heat, sparks and open flame.  
Store large quantities only in building designed to comply with OSHA 1910.106. Never sue pressure to empty. Avoid breathing sanding dust. Do not handles until the manufacturers safety precaution have been read and understood.  
OTHER PRECAUTIONS:  
The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

**SECTION X – ADDITIONAL REGULATORY INFORMATION**

SARA TITLE III SECTION 313:  
PROP 65 (CARCINOGEN):  
PROP 65 (TERATOGENIC):  
PROP 65 (BOTH CARCINOGEN AND TERATOGENIC)

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**DISCLAIMER OF LIABILITY**

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