

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

APV MSDS NUMBER: L-420  
MSDS NAME: INK JET CLEANER LIQUID  
IJ050-900L-420  
Rev. 1 June 27, 2007  
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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                    INK JET CLEANER LIQUID  
CAS NO.:                         NOT APPLICABLE (MIXTURE)  
HAZARD RATING:                Health: 1     Fire: 3     Reactivity: 0     PPI: H

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

Product Class:                 SOLVENT BLEND  
Trade Name:                     Ink Jet Cleaner  
Product Code:                 L-420  
UN Number                      1268  
Shipping Name:                 Petroleum Distillate N.O.S.

**SECTION II – INGREDIENT AND HAZARD INFORMATION**

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

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

**SECTION III – PHYSICAL DATA**

Form:                                Liquid  
Appearance/Color:                Clear  
Odor:                                Hydrocarbon  
PH Value:                          Not Applicable  
Boiling Range:                     209 1/2°F – 400 1/2°F (98.33 1/2°C – 204.44 1/2°C)

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Vapor Pressure (mmHg): 124 1/2 @ 38 °C (100.4 °C)  
Melting Point: Not Applicable  
Evaporation Rate:  
Vapor Density: Heavier than air  
Partition Coefficient: Not applicable  
% Volatile Weight: 100%  
% Volatile Volume: 100%  
Specific Gravity: 0.75664  
VOC: 6.3 LBS/GAL  
Molecular Weight:  
Heavy Elements (ppm): 0.

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

Flammability Class: IB  
Flash Range: 20 1/2 °F - 105 1/2 °F (-6.67 1/2 °C – 40.561/2 °C)  
Tag Closed Cup  
Explosive Range: 1%  
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-face piece operated in pressure-demand or other positive pressure mode.

#### 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
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 slight ion or dermatitis.	
BREATHING:	Excessive inhalation of vapors and/or spray mist 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, 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 to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.	

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**INHALATION:** Move affected person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, 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**

None

**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**

	<b>ACGIH TLV</b>	<b>ACGIH TLV-C</b>	<b>ACGIH STEL</b>	<b>OSHA STEL</b>	<b>OSHA PEL</b>
MINERAL SPIRITS REGULAR	100.00 PPM	N/est	N/est	N/est	100.00 PPM
V M & P NAPHTHA	300.00 PPM	N/est	N/est	N/est	300.00 PPM
PETROLEUM HYDROCARBON DISTILLATE	400.00 PPM	N/est	N/est	N/est	400.00 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 to keep air contaminant concentration below current applicable OHSA permissible exposure limit or ACHIH TLV limit, and volatiles below lower explosive limit. Heavy solvent vapors should be removed from the lower levels of area, and all ignition sources (non-explosion 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:**

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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 buildings designed to comply with OSHA 1910.106. Never use pressure to empty. Avoid breathing sanding dust. Do not handle until the manufacturers safety precautions 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)

**DISCLAIMER OF LIABILITY**

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