

# PINNACLE GOLD YELLOW WRITING FLUID

## FOR IRIS 3000 SERIES PRINTERS

Revision date: 6-27-2000

MSDS P/N: 09480-002

Page 1 of 4

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pinnacle Gold Yellow Writing Fluid For Iris 3000 Series Printers  
PRODUCT PART NUMBER: 33XPGY-001  
PRODUCT DESCRIPTION: Ink Jet Writing Fluid

MANUFACTURER: American Ink Jet Corporation  
13 Alexander Road  
Billerica, MA 01821  
USA  
(978) 670-9200 (For product information)  
(800) 332-6538 (For emergencies)  
(800) 424-9300 or (703) 527-3887 (CHEMTREC)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>	<u>ACGIH TLV/TWA</u>	<u>OSHA PEL</u>
DYESTUFF	1.0 - 10.0 %	(1)		
DIETHYLENE GLYCOL	5.0 - 15.0 %	111-46-6		
AMIDE	1.0 - 15.0 %	PROPRIATARY		
WATER	75.0 - 95.0 %	7732-18-5		

**COMPOSITION COMMENT:** (1) The identity of the dye is considered proprietary by the manufacturer.

### 3. HAZARDS IDENTIFICATION

**CAUTION:** May cause eye irritation.  
May cause allergic skin reaction.  
May cause irritation if inhaled.

### 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:** Immediately flush eyes with plenty of water. Get medical attention if irritation develops or persists.  
**SKIN CONTACT FIRST AID:** Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.  
**INHALATION FIRST AID:** Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air. Get medical attention.  
**INGESTION FIRST AID:** If swallowed seek medical attention.

# PINNACLE GOLD YELLOW WRITING FLUID

## FOR IRIS 3000 SERIES PRINTERS

Revision date: 6-27-2000

MSDS P/N: 09480-002

Page 2 of 4

### MATERIAL SAFETY DATA SHEET

#### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate to surrounding fire.

**NFPA RATING:** Health: 1 Flammability: 0 Reaction: 0

**FIRE & EXPLOSION HAZARDS:** None.

**FIRE FIGHTING INSTRUCTIONS:** As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

**COMBUSTION PRODUCTS:** Decomposition may produce oxides of carbon, oxides of nitrogen, oxides of sulfur, hydrocarbons, fumes, and smoke.

#### 6. ACCIDENTAL RELEASE MEASURES

**SAFEGUARDS (PERSONNEL):** Protect skin and eyes from exposure. Wear appropriate personal protective equipment. If vapors or mists are generated wear a NIOSH approved respirator.

**CLEAN UP PROCEDURE:** Absorb spill with inert material (e.g., dry sand or earth). Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

#### 7. HANDLING AND STORAGE

**HANDLING (PERSONNEL):** Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Avoid breathing mists.

**STORAGE PRECAUTIONS:** Keep out of reach of children. Keep from freezing.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels.

**EYE / FACE PROTECTION REQUIREMENTS:** Wear safety glasses or goggles if splashing is possible.

**SKIN PROTECTION REQUIREMENTS:** Avoid unnecessary skin contact wear gloves and sleeves. Wash hands thoroughly after handling.

**RESPIRATORY PROTECTION REQUIREMENTS:** Under normal use conditions, with adequate ventilation, no special handling equipment is required.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Liquid

COLOR .....: Yellow

ODOR .....: Faint Odor

BOILING POINT .....: not est.

VAPOR PRESSURE .....: not est.

VAPOR DENSITY .....: not est.

SOLUBILITY IN WATER .....: Miscible

SPECIFIC GRAVITY .....: not est.

BULK DENSITY .....: n/a

# PINNACLE GOLD YELLOW WRITING FLUID

## FOR IRIS 3000 SERIES PRINTERS

Revision date: 6-27-2000

MSDS P/N: 09480-002

Page 3 of 4

### MATERIAL SAFETY DATA SHEET

MELTING/FREEZING POINT .....: ~0 C

PH .....: 5.0 +/- 1.0@25C

% VOLATILES .....: not est.

VOLATILE ORGANIC COMPOUNDS (VOC) ...: not est.

#### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**POLYMERIZATION:** Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Incompatible or can react with acids, bases, and oxidizers.

**DECOMPOSITION:** In the case of a fire, oxides of carbon, oxides of nitrogen, oxides of sulfur, hydrocarbons, fumes, and smoke may be produced.

**CONDITIONS TO AVOID:** None.

#### 11. TOXICOLOGICAL INFORMATION

The components of this product are not listed by the NTP, IARC or regulated as a carcinogen by OSHA. Although not tested, may cause minor irritation based on the ingredients of the product.

#### 12. ECOLOGICAL INFORMATION

No information available.

#### 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Incineration is recommended. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

**EWC CODE:** 080302

#### 14. TRANSPORT INFORMATION

Not a regulated article under DOT or IATA or ADR or RID.

#### 15. REGULATORY INFORMATION

**EEC Symbols and Indications of Danger:** None

**R-Phrases:** R36/38 – Irritating to eyes and skin.

**S-Phrases:** S24/25 – Avoid contact with skin and eyes.

**WHMIS Hazard Symbols:** None

**SARA TITLE III, 311/312:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under sections 311 and 312 of SARA TITLE III, and is considered, under applicable definitions, to be an immediate/acute health hazard.

**SARA TITLE III, 313 CHEMICALS:** None

**MISCELLANEOUS INFORMATION:** This material or all of its components are listed on the Inventory of Existing Chemical

# PINNACLE GOLD YELLOW WRITING FLUID

## FOR IRIS 3000 SERIES PRINTERS

Revision date: 6-27-2000

MSDS P/N: 09480-002

Page 4 of 4

### MATERIAL SAFETY DATA SHEET

Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European inventory of Existing Chemical Substances (EINECS).

#### 16. OTHER INFORMATION

**HMS RATING:** Health: 1 Flammability: 0 Reactivity: 0

**ADDITIONAL INFORMATION:** The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

**CALIFORNIA PROPOSITION 65:** This product contains no chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

\*\*\*\*\*  
\*\*\*\*\*

The information contained herein is, to the best of our knowledge and belief, accurate. Since the condition of handling and use are beyond our control, we assume no liability for loss or injury resulting from the use of this product or the information herein. All chemicals may present unknown health hazards and should be used with caution. Safe use of the material is the responsibility of the user. No representation or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunto with respect to the information contained herein or the product to which the information refers.

\*\*\*\*\*  
\*\*\*\*\*

END OF MSDS

\*\*\*\*\*  
\*\*\*\*\*