

# MATERIAL SAFETY DATA SHEET

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TRANSPORTATION EMERGENCY	NON-TRANSPORTATION
CALL CHEMTREC: 800-424-9300	HEALTH EMERGENCY PHONE..: (303) 623-5716
INTERNATIONAL: 703-527-3887	AGFA INFORMATION PHONE..: (201) 440-2500

**1. CHEMICAL PRODUCT IDENTIFICATION:**

PRODUCT NAME.....: GP Developer Part B  
 PRODUCT CODE.....: LH1JC000 LH1KE000 LH1LG000  
 CHEMICAL FAMILY....: Aqueous Photochemical Solution  
 BUSINESS GROUP.....: Technical Imaging Systems  
 AGFA MSDS NUMBER....: 668tb.000

**2. COMPOSITION/INFORMATION ON INGREDIENTS:**

INGREDIENT NAME /CAS NUMBER	EXPOSURE LIMITS	CONCENTRATION (%)
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 \*\*\*\*\* HAZARDOUS INGREDIENTS \*\*\*\*\*  
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This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

**3. HAZARDS IDENTIFICATION:**

This product as a whole has not been tested. This hazard information is for the individual ingredients.

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*                               EMERGENCY OVERVIEW                               *
*                               *                                                 *
* Color: Yellowish; Form: Liquid; Odor: Odorless; Product                       *
* poses little or no hazard if spilled and no unusual hazard                   *
* if involved in a fire.                                                       *
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POTENTIAL HEALTH EFFECTS:

ROUTES OF ENTRY.....: Eye and skin contact, inhalation of vapors or mists, accidental ingestion.

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE EFFECTS OF EXPOSURE.....: No applicable information was found concerning any adverse acute health effects from exposure to this product.  
 CHRONIC EFFECTS OF EXPOSURE...: No applicable information was found concerning any adverse chronic health effects from overexposure to this product.

CARCINOGENICITY.....: The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE.....: None known

**4. FIRST AID MEASURES:**

FIRST AID FOR EYES.....: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

FIRST AID FOR SKIN.....: Flush affected areas promptly with water and soap for 15 minutes. Remove contaminated clothing. In case of continued irritation consult physician.

FIRST AID FOR INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

FIRST AID FOR INGESTION.: If swallowed, rinse mouth with plenty of water, call a Physician.

**5. FIRE FIGHTING MEASURES:**

FLASH POINT.....: Noncombustible

EXTINGUISHING MEDIA.....: Material is not combustible. Use extinguishing media suitable for other combustible materials in the area.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus.

UNUSUAL FIRE / EXPLOSION HAZARDS: When heated to decomposition emission of toxic fumes of SO<sub>2</sub> is possible.

**6. ACCIDENTAL RELEASE MEASURES:**

SPILL OR LEAK PROCEDURES.....: Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Dike Spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, oil dry or other absorbent material. Spill may be neutralized with powdered Citric Acid. For disposal see section 13.

**7. HANDLING AND STORAGE:**

STORAGE TEMPERATURE(MIN/MAX): Store between 40 F (4.4 C) and 80 F (26 C). Preferred storage is at 68 F (20 C).

SHELF LIFE.....: N.A.

SPECIAL SENSITIVITY.....: Keep from freezing.

HANDLING/STORAGE PRECAUTIONS: Avoid eye and skin contact, and store in well-ventilated area. Keep container tightly closed. Do not store with incompatible materials. Do not store or consume food, drink or tobacco in area where they may become contaminated with this material. For incompatibles see section 10.

OTHER NOTES.....: Keep out of the reach of children.

**8. PERSONAL PROTECTION:**

PROTECTIVE CLOTHING REQUIREMENTS...: Splash protection required for eyes, e.g., eye glasses with side shields or goggles. For skin protection use chemical resistant gloves and aprons, e.g. made of neoprene, rubber or vinyl.

VENTILATION REQUIREMENTS.....: Use sufficient general room ventilation and/or local exhaust to maintain airborne levels of vapors below applicable exposure limits (see Section 2).

RESPIRATOR REQUIREMENTS.....: Under normal conditions of use, respirator protection is not required. If respirators are used, institute a program in accordance with OSHA standard 29CFR1010.134.

ADDITIONAL PROTECTIVE MEASURES.....: Emergency showers and eye wash stations should be made available. Educate and train employees in the safe use and handling of this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

PHYSICAL FORM.....: Liquid

COLOR.....: Yellowish

ODOR.....: Odorless

pH .....: 4.9

BOILING POINT.....: Greater than 212 F (100 C)

MELTING/FREEZING POINT....: Below 32 F (0 C)

SOLUBILITY IN WATER .....: Soluble

SPECIFIC GRAVITY .....: Approx. 1.21

BULK DENSITY.....: Not Applicable

VAPOR PRESSURE .....: Not Established

**10. STABILITY AND REACTIVITY:**

STABILITY.....: This is a stable material.  
HAZARDOUS POLYMERIZATION...: Will not occur.  
INCOMPATIBILITIES.....: Oxidizing and reducing agents.  
INSTABILITY CONDITIONS.....: None known.  
DECOMPOSITION PRODUCTS.....: In case of fire, CO2, carbon monoxide, oxides of sulfur,  
and other potentially toxic fumes.

**11. TOXICOLOGICAL INFORMATION:**

NO ANIMAL TOXICITY INFORMATION AVAILABLE

**12. ECOLOGICAL INFORMATION:**

NO ECOLOGICAL INFORMATION AVAILABLE

**13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD.....: Recover nonusable free liquid and/or contaminated water,  
and dispose of in an approved and permitted treatment system. Remove nonusable  
solid material and/or contaminated soil, for disposal in an approved and permitted  
landfill. Discharge to sewer requires approval of permitting authority and may  
require pretreatment.

**14. TRANSPORTATION INFORMATION:**

TECHNICAL SHIPPING NAME.....: Not Applicable  
PRODUCT LABEL.....: GP Developer Part B

DOT (DOMESTIC SURFACE)

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HAZARD CLASS OR DIVISION .....: Non-Regulated

IMO / IMDG CODE (OCEAN)

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HAZARD CLASS DIVISION NUMBER...: Non-Regulated

ICAO / IATA (AIR)

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HAZARD CLASS DIVISION NUMBER...: Non-Regulated

**15. REGULATORY INFORMATION:**

OSHA STATUS.....: This product is not hazardous under the criteria  
of the Federal OSHA Hazard Communication Standard  
29 CFR 1910.1200.

TSCA STATUS.....: On TSCA Inventory

CERCLA REPORTABLE QUANTITY...: None

SARA TITLE III:

SECTION 302 EXTREMELY

HAZARDOUS SUBSTANCES...: None

SECTION 311/312

HAZARD CATEGORIES.....: Non-hazardous under Section 311/312

SECTION 313

TOXIC CHEMICALS.....: None

RCRA STATUS.....: If discarded in its purchased form, this product  
would not be a hazardous waste either by listing  
or by characteristic. However, under RCRA, it is  
the responsibility of the product user to  
determine at the time of disposal, whether a  
material containing the product or derived from  
the product should be classified as a hazardous  
waste. (40 CFR 261.20-24)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME /CAS NUMBER	CONCENTRATION	STATE CODE
Water		
7732-18-5	55-60 %	PA3, NJ4
Potassium glutaraldehyde bisulfite		
68310-08-7	40-45 %	PA3, NJ4

NJ4 = New Jersey Other - included in 5 predominant ingredients > 1%  
PA3 = Pennsylvania Non-hazardous present at 3% or greater.

**16. OTHER INFORMATION:**

HMIS RATINGS:           Health   Flammability   Reactivity   Personal Prot  
                          1           0           0           B  
                          0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe  
                          B=Safety Glasses, Gloves

AGFA's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by AGFA as a customer service.

REASON FOR ISSUE.....: Reviewed, Harmonized  
PREPARED BY.....: S. Van Volkenburg  
APPROVED BY.....: M. Patrick  
APPROVAL DATE.....: 03/11/2004  
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MSDS NUMBER.....: 39807

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