



## 1. Chemical and company identification

<b>Important information</b>	*** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***
<b>Name of chemical (Product name)</b>	G0Y95Series
	HP Japan Inc. 4F Ojima2-2-1 Koto-ku Tokyo, Japan 136-8711
<b>Poison Information Centre Telephone</b>	0120-50-3024 (+81) 3 5749-8363
<b>HP Inc. health effects line (Toll-free within the US) (Direct)</b>	1-800-457-4209 1-760-710-0048
<b>HP Inc. Customer Care Line (Toll-free within the US) (Direct)</b>	1-800-474-6836 1-208-323-2551
<b>Email:</b>	hpcustomer.inquiries@hp.com
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Intended use</b>	Inkjet printing

## 2. Hazards identification

### GHS classification

<b>Physical hazards</b>	The product is not classified according to GHS.	
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Reproductive toxicity (the unborn child)	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, repeated exposure	Category 1 (liver, respiratory system)
<b>Environmental hazards</b>	Hazardous to the aquatic environment, long-term hazard	Category 2

### GHS label elements

#### Symbols



#### Signal words

Danger

#### Hazard statement

Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging the unborn child. May cause respiratory irritation. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

### Precautionary statement

#### Prevention

Wear protective gloves/protective clothing/eye protection/face protection. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical attention/advice. Call a poison center/doctor if you feel unwell. Take off contaminated clothing and wash before reuse. Collect spillage.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards which do not result in classification</b>	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.  Benzophenone is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans).
<b>Supplemental information</b>	None.

### 3. Composition/information on ingredients

<b>Substance or mixture</b>	Mixture			
	<b>Gazette notification</b>			
<b>Components</b>	<b>CAS Number</b>	<b>ENCS no.</b>	<b>ISHL no.</b>	<b>Concentration (%)</b>
Acrylic acid ester	Proprietary	(3)-3684		<30
N-vinylcaprolactam	Proprietary	(5)-6239	8-(1)-2044	<25
Carboxylic Acids, Esters	Proprietary	(2)-990	(2)-990	<15
Difunctional acrylic monomer	Proprietary			<10
Acrylate ester 5	Proprietary	(2)-3111	(2)-3111	<7.5
Benzophenone	119-61-9	(3)-1258, (4)-125	(3)-1258, (4)-125	<5
Substituted Phosphine Oxide	Proprietary	(3)-4445		<5
Alkyl Acrylate Ester	Proprietary	(2)-1009, (2)-1045, (7)-152	(2)-1009, (2)-1045, (7)-152	<2.95
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes	Proprietary			<2.5
2,6-di-tert-butyl-.alpha.-dimethylamino-p-cresol	88-27-7	(3)-2865	(3)-2865	<1
Triphenylphosphine	603-35-0	(3)-2518	(3)-2518	<1
<b>Synonym(s)</b>	HP FB794 Yellow Scitex Ink Cartridge			
<b>Chemical formula</b>	C13-H10-O (119-61-9), C13-H10-O (119-61-9), C18-H15-P (603-35-0), C17H29NO (88-27-7)			

### 4. First aid measures

<b>If inhaled</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>If on skin</b>	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
<b>If in eyes</b>	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.
<b>If swallowed</b>	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.

### 5. Fire-fighting measures

<b>Extinguishing media</b>	Dry powder. Carbon dioxide (CO2). Water may be ineffective.
<b>Extinguishing media to avoid</b>	Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
<b>Special fire fighting procedures</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency measures</b>	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
<b>Methods or materials for containment and cleaning up</b>	Not available.

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## 7. Handling and storage

### Handling

<b>Technical measures (e.g. Local and general ventilation)</b>	Not available.
<b>Safe handling advice</b>	Avoid contact with skin, eyes and clothing.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.

### Storage

<b>Safe storage conditions</b>	Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.
<b>Safe packaging materials</b>	Not available.

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## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Exposure guidelines</b>	Exposure limits have not been established for this product.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hand protection</b>	Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.
<b>Personal protective equipment</b>	
<b>Eye protection</b>	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
<b>Skin and body protection</b>	Wear appropriate chemical resistant clothing.

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## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Yellow

**Odor** Characteristic.

**pH** 7.3 - 7.7 Metler Toledo pH Meter. Temperature 25°C

**Melting point/Freezing point** Not available.

**Boiling point, initial boiling point, and boiling range** Not available.

**Flash point** > 199.9 °F (> 93.3 °C) Calculated

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Specific gravity** Not available.

### Solubility(ies)

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity (Coefficient of viscosity)** 9.3 - 10.6 cP Brookfield Viscometer Temperature 50°C.

**Other information**

**Chemical family** Acrylate/Polymer/Pigment Blend  
**VOC** 0.1 g/L Calculated

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**10. Stability and reactivity**

**Reactivity** Not available.  
**Chemical stability** Stable under normal storage conditions.  
**Possibility of hazardous reactions** Hazardous polymerization can occur with decreased inhibitor content.  
**Conditions to avoid** Exposure to sunlight.  
**Incompatible materials** Incompatible with strong bases and oxidizing agents. alkaline metals  
**Hazardous decomposition products** Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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**11. Toxicological information**

**Acute toxicity** Based on available data, the classification criteria are not met.

Components	Species	Test Results
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N-vinylcaprolactam

**Acute**

**Dermal**

LD50	Rabbit	1700 mg/kg
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**Inhalation**

LC50	Rat	> 1.6 mg/l
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**Oral**

LD50	Rat	1114 mg/kg
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**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Based on available data, the classification criteria are not met.

**Skin sensitization** May cause sensitization by skin contact.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Benzophenone (CAS 119-61-9) 2B Possibly carcinogenic to humans.

Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes (CAS Proprietary) 1 Carcinogenic to humans.

**Japan Society for Occupational Health: Carcinogen**

Benzophenone (CAS 119-61-9) 2B Possibly carcinogenic to humans.

**Reproductive toxicity** Suspected of damaging the unborn child.

**Specific target organ toxicity - single exposure** May cause irritation to the respiratory system.

**Specific target organ toxicity - repeated exposure** Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Other information** Complete toxicity data are not available for this specific formulation

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**12. Ecological information**

**Aquatic toxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.

**Ecotoxicological data**

Components	Species	Test Results
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Acrylic acid ester

*Acute*

EC10	Desmodesmus subcapitatus	0.71 mg/l, 72 h (DIN 38412 L9)
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EC50	Desmodesmus subcapitatus	4.44 mg/l, 72 h (DIN 38412 L9)
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Components		Species	Test Results
	LC50	Leuciscus idus	10 mg/l, 96 h (DIN 38 412)
	NOEC	Desmodesmus subcapitatus	0.71 mg/l, 72 h (DIN 38412 L9)
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	1.21 mg/l, 48 h (Directive CE 79/831/CEE, Annex V, Part C)
Difunctional acrylic monomer			
<i>Acute</i>			
	EC10	Pseudokirchneriella subcapitata	2.3 mg/l, 72 h (OECD 201)
	EC50	Pseudokirchneriella subcapitata	11 mg/l, 72 h (OECD 201)
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia Magna	37 mg/l, 48 h (OECD 202)
Fish	LC50	Danio rerio	2.7 mg/l, 96 h (OECD 203)
Substituted Phosphine Oxide			
<i>Acute</i>			
	EC50	Desmodesmus subspicatus	> 260 µg/l, 72 h (OECD 201)
	LC50	Danio rerio	> 90 µg/l, 96 h (OECD 203)
	NOEC	Desmodesmus subspicatus	> 260 µg/l, 72 h (OECD 201)
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	> 1175 µg/l, 48 h (OECD 202)
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	>= 8.1 µg/l, 21 d (OECD 211)
<b>Ecotoxicity</b>	Not available.		
<b>Persistence and degradability</b>	Not available.		
<b>Bioaccumulation</b>	Not available.		
<b>Bioaccumulative potential</b>			
<b>Bioconcentration factor</b>			
Substituted Phosphine Oxide	5, (similar to OECD 305 C)		
<b>Mobility in soil</b>	Not available.		
<b>Hazardous to the ozone layer</b>	Not available.		

### 13. Disposal considerations

<b>Local disposal regulations</b>	Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.
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### 14. Transport information

#### DOT

<b>UN number</b>	Not available.
<b>UN proper shipping name</b>	Not Regulated
<b>Transport hazard class(es)</b>	
<b>Class</b>	Not available.
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Special precautions for user</b>	Not available.

DOT Supplemental Information DOT Classification only applies to shipments within the US and Puerto Rico.

#### IATA

<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	Yes

**Special precautions for user** Not available.

**IATA Supplemental Information** When shipping ≤ 5L inner packaging, Special Provision A197 may apply.

**IMDG**

**UN number** UN3082

**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT

**Transport hazard class(es)**

**Class** 9

**Subsidiary risk** -

**Packing group** III

**Transport hazard class(es)**

**Marine pollutant** Yes

**EmS** F-A, S-F

**Special precautions for user** Not available.

**IMDG Supplemental Information** When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.

**ADR**

**UN number** UN3082

**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)

**Transport hazard class(es)**

**Class** 9

**Subsidiary risk** -

**Hazard No. (ADR)** Not available.

**Tunnel restriction code** Not available.

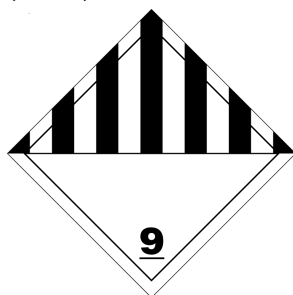
**Packing group** III

**Environmental hazards** Yes

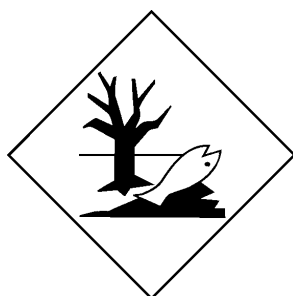
**Special precautions for user** Not available.

**ADR Supplemental Information** When shipping ≤ 5L containers, ADR 375 may apply.

**ADR; IATA; IMDG**



**Marine pollutant**



**Further information**

Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

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## 15. Regulatory information

### Industrial Safety and Health Act

**Notifiable substances**

Not regulated.

**Labeling substances**

Not regulated.

### Poisonous and Deleterious Substances Control Act

**Specified poisonous substances**

Not regulated.

**Poisonous substances**

Not regulated.

**Deleterious substances**

Not regulated.

## Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.

### Class I specified chemical substances

Not regulated.

### Class II specified chemical substances

Not regulated.

### Monitoring chemical substances

Not regulated.

### Priority Assessment Chemical Substances (PACs)

Not regulated.

### Reporting Exempted Substances

Not regulated.

## Law concerning Pollutant Release and Transfer Register

### Specified class 1 substances (substance name, ordinance number and content)

Not regulated.

### Class 1 substances (substance name, ordinance number and content)

BENZOPHENONE Ordinance No. 403 3.2 % (Benzophenone)

### Class 2 substances (substance name, ordinance number and content)

Not regulated.

### Fire Service Act

Class 4 Group 3 oils (Non-water soluble) Hazard rank III

### Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule

Miscellaneous dangerous substances

### Air Law, Enforcement Rule

Miscellaneous dangerous goods

### Explosives Control Act

Not regulated.

### Regulatory information

The components of this product are reported in the following inventories: USA, European Union, Canada, Japan, China, Australia, Korea.

## 16. Other information

This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

### Explanation of abbreviations

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds