



# SAFETY DATA SHEET

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Important information** \*\*\* 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. \*\*\*

**1.1. Product identifier**

**Trade name or designation of the mixture** G0Z24Series

**Registration number** -

**Synonyms** None.

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Inkjet printing

**Uses advised against** None known.

**1.3. Details of the supplier of the safety data sheet**

HP Technology Ireland Limited  
Liffy Valley Office Campus  
1st floor, Block B  
Quarryvale, Co. Dublin D22 X0Y3  
Ireland

**Telephone** +353 (0)1 6161140

**HP Inc. health effects line**

**(Toll-free within the US)** 1-800-457-4209

**(Direct)** 1-760-710-0048

**HP Inc. Customer Care Line**

**(Toll-free within the US)** 1-800-474-6836

**(Direct)** 1-208-323-2551

**Email:** sustainability@hp.com

**1.4 Emergency telephone number** 01 809 2566

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification as hazardous according to Regulation (EC) 1272/2008.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

**Hazard pictograms** None.

**Signal word** None.

**Hazard statements** The mixture does not meet the criteria for classification.

#### Precautionary statements

**Prevention** Not available.

**Response** Not available.

**Storage** Not available.

**Disposal** Not available.

**Supplemental label information** EUH208 - Contains Benzisothiazolinone and Mixture of Chloromethylisothiazolinone and Methylisothiazolinone.  
May produce an allergic reaction.

## 2.3. Other hazards

Complete toxicity data are not available for this specific formulation. Potential routes of overexposure to this product are skin and eye contact.  
Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	<0.036	2634-33-5 220-120-9	01-2120761540-60-XXXX	613-088-00-6	<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Acute Tox. 2;H330;(ATE: 0.5 mg/l), Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1A;H317, Aquatic Acute 1;H400, Aquatic Chronic 2;H411 <b>Specific Concentration Limits:</b> Skin Sens. 1A;H317: C ≥ 0.036 %
Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one (Mixture of Chloromethylisothiazolinone)	<0.0015	55965-84-9 -	-	613-167-00-5	<b>Classification:</b> Acute Tox. 3;H301;(ATE: 100 mg/kg bw), Acute Tox. 2;H310;(ATE: 50 mg/kg bw), Acute Tox. 2;H330;(ATE: 0.5 mg/l), Skin Corr. 1C;H314, Eye Dam. 1;H318, Skin Sens. 1A;H317, Aquatic Acute 1;H400(M=100), Aquatic Chronic 1;H410(M=100) <b>Supplemental Hazard Statement(s):</b> EUH071 <b>Specific Concentration Limits:</b> Skin Corr. 1C;H314: C ≥ 0.6 %, Skin Irrit. 2;H315: 0.06 % ≤ C < 0.6 %, Eye Dam. 1;H318: C ≥ 0.6 %, Eye Irrit. 2;H319: 0.06 % ≤ C < 0.6 %, Skin Sens. 1A;H317: C ≥ 0.0015 %

#### Composition comments

This ink supply contains an aqueous ink formulation.

## SECTION 4: First aid measures

**General information** Not available.

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.
<b>Eye contact</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>Ingestion</b>	If ingestion of a large amount does occur, seek medical attention.

**4.2. Most important symptoms and effects, both acute and delayed** Not available.

**4.3. Indication of any immediate medical attention and special treatment needed** Not available.

## SECTION 5: Firefighting measures

**General fire hazards** Not available.

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Dry chemical, CO2, water spray or regular foam.
<b>Unsuitable extinguishing media</b>	None known.

**5.2. Special hazards arising from the substance or mixture** Not available.

### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Not available.
<b>Special fire fighting procedures</b>	Not available.

**Specific methods** None established.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Wear appropriate personal protective equipment.

**For emergency responders** Not available.

**6.2. Environmental precautions** Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**6.3. Methods and material for containment and cleaning up** Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

**6.4. Reference to other sections** For waste disposal, see section 13 of the SDS.

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## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Avoid contact with skin, eyes and clothing.

**7.2. Conditions for safe storage, including any incompatibilities** Keep out of the reach of children. Keep away from excessive heat or cold.

**7.3. Specific end use(s)** Not available.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limits** No exposure limits noted for ingredient(s).

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Not available.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

**Exposure guidelines** Exposure limits have not been established for this product.

### 8.2. Exposure controls

**Appropriate engineering controls** Use in a well ventilated area.

### Individual protection measures, such as personal protective equipment

**General information** Use personal protective equipment to minimize exposure to skin and eye.

**Eye/face protection** Not available.

#### Skin protection

- Hand protection Not available.

- Other Not available.

**Respiratory protection** Not available.

**Thermal hazards** Not available.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** Not available.

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical state** Liquid.

**Color** Colorless.

**Odor** Not available.

**Melting point/freezing point** Not available.

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

**Flammability** Not available.

### Upper/lower flammability or explosive limits

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

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

**Flash point** >230.0 °F (>110.0 °C)

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<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	4
<b>Kinematic viscosity</b>	<3 mm <sup>2</sup> /s at 25°C (calculated)
<b>Solubility</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water) (log value)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Density and/or relative density</b>	
<b>Density</b>	1.00 - 1.10 g/ml
<b>Vapor density</b>	Not available.
<b>Particle characteristics</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not determined

## 9.2. Other information

**9.2.1. Information with regard to physical hazard classes** No relevant additional information available.

**9.2.2. Other safety characteristics** No relevant additional information available.

## 9.2. Other information

**Density** 1.00 - 1.10 g/ml

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## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	Not available.
<b>10.2. Chemical stability</b>	Stable under recommended storage conditions.
<b>10.3. Possibility of hazardous reactions</b>	Will not occur.
<b>10.4. Conditions to avoid</b>	Not available.
<b>10.5. Incompatible materials</b>	Incompatible with strong bases and oxidizing agents.
<b>10.6. Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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## SECTION 11: Toxicological information

**General information** Not available.

### Information on likely routes of exposure

**Inhalation** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Skin contact** Contact with skin may result in mild irritation.

**Eye contact** Contact with eyes may result in mild irritation.

**Ingestion** Health injuries are not known or expected under normal use.

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

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.

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

**Mixture versus substance information** Not available.

#### 11.2. Information on other hazards

**Endocrine disrupting properties** Not available.

**Other information** Complete toxicity data are not available for this specific formulation  
Refer to Section 2 for potential health effects and Section 4 for first aid measures.

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### SECTION 12: Ecological information

**12.1. Toxicity** No toxicity data noted for the ingredient(s).

**12.2. Persistence and degradability** Not available.

**12.3. Bioaccumulative potential** Not available.

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

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** Not available.

**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Endocrine disrupting properties** Not available.

**12.7. Other adverse effects** Not available.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Residual waste** Not available.

**Contaminated packaging** Not available.

**EU waste code** Not available.

**Disposal methods/information** 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.  
HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit <http://www.hp.com/recycle>.

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### SECTION 14: Transport information

#### ADR

**14.1. UN number or ID number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not Regulated

#### 14.3. Transport hazard class(es)

**Class** Not assigned.

**Subsidiary hazard** -

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

**Tunnel restriction code** Not assigned.

**14.4. Packing group** -

**14.5. Environmental hazards** No

**14.6. Special precautions for user** Not assigned.

#### IATA

**14.1. UN number or ID number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not Regulated

#### 14.3. Transport hazard class(es)

**Class** Not assigned.

**Subsidiary hazard** -

**14.4. Packing group** -

**14.5. Environmental hazards** No

**14.6. Special precautions for user** Not assigned.

#### IMDG

**14.1. UN number or ID number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not Regulated

**14.3. Transport hazard class(es)**

**Class** Not assigned.

**Subsidiary hazard** -

**14.4. Packing group** -

**14.5. Environmental hazards**

**Marine pollutant** No

**EmS** Not assigned.

**14.6. Special precautions for user** Not assigned.

**14.7. Maritime transport in bulk according to IMO instruments** Not available.

**Further information** Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

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

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## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

### Authorizations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended**

Not listed.

### Other EU regulations

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended**

Not listed.

<b>Other regulations</b>	HP complies with chemical regulatory requirements in chemical substance notification laws, where applicable. All chemical substances are notified, or exempt from notification or listed in the inventory as existing substances in the following countries: US (TSCA), European Union, Switzerland, Canada (DSL/NDSL), Australia (AIC), Japan (ISHL, ENCS), Philippines (PICCS), Korea and New Zealand (NZIoC). For guidance on importation and/or additional requirements for registration schemes such as EAEU, EU, South Korea, Turkey, UK, India and Taiwan, please contact the Sustainability and Compliance Center (sustainability@hp.com).
<b>Other information</b>	Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).
<b>National regulations</b>	Not available.
<b>15.2. Chemical safety assessment</b>	See attached SUMI or GEIS document, if applicable.

## SECTION 16: Other information

<b>References</b>	<p>Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).</p> <p>Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).</p> <p>The information in this document is based on the present state of our knowledge, including but not limited to the data present in the registrations of the ingredients, it does not purport to be all-inclusive and shall be used only as a guide.</p> <p>This Safety Data Sheet is in compliance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending REACH Annex II.</p>
<b>Information on evaluation method leading to the classification of mixture</b>	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
<b>Full text of any statements, which are not written out in full under sections 2 to 15</b>	<p>H301 Toxic if swallowed.</p> <p>H302 Harmful if swallowed.</p> <p>H310 Fatal in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H330 Fatal if inhaled.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
<b>Revision information</b>	None.
<b>Training information</b>	Follow training instructions when handling this material.
<b>Disclaimer</b>	<p>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.</p> <p>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.</p>

# Safe Use of Mixtures Information (SUMI)

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## Maintenance fluid digital printing: MF02 \*English\*

### Disclaimer

This SUMI is a generic document for communicating conditions of safe use of a product in response to the REACH obligation. This document relates only to conditions of safe use and is not specific to a product. By adding this SUMI to a specific product SDS, the importer/formulator declares that the mixture can safely be used following the instructions below. Following occupational health legislation, the employer of workers remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product. Derived No Effect Levels (DNEL) and Predicted No Effect Concentration (PNEC) values of substances derived from the Chemical Safety Assessment (CSA) will be given in section 8 of the SDS. The REACH registration number(s), where applicable, completes an extended product SDS.

### Operational conditions

<b>Maximum duration</b>	Up to 1 hour per day.
<b>Frequency of exposure</b>	< 240 days per year.
<b>Physical state</b>	Liquid.
<b>Process conditions</b>	Covers use at ambient temperatures. Provide a good standard of controlled ventilation (10 to 15 air changes per hour). Keep emissions below the occupational exposure limits of the ingredients specified in section 8 of the SDS. Avoid direct contact. Regular cleaning of equipment and work area. Supervision in place to check that Risk Management Measures (RMM's) in place are being correctly used and Operational Conditions (OC's) followed.

### Risk management measures

**Conditions and measures related to Personal Protection Equipment, hygiene and health evaluation.**

Wear safety glasses with side shields (or goggles), if splashing is possible.  
Wear appropriate chemical resistant gloves: see section 8 of the SDS.  
Wear appropriate chemical resistant clothing.  
Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.  
Eye wash station and emergency showers are recommended.  
Avoid breathing mist/vapours.  
Avoid contact with skin, eyes and clothing.  
Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.



### Good practice advice

Use personal protective equipment as required.  
Wash hands before breaks and after work.  
Keep good industrial hygiene and safety practice.  
Use only with adequate ventilation.  
Do not eat, drink or smoke when using this product.  
Wash contaminated clothing before reuse.  
Store at room temperature.



### Environmental measures

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 appropriately licenced waste contractor.

### Use descriptors

IS-Use at industrial sites.  
PW-Widespread use by professional workers.  
SU7-Printing and reproduction media.  
PC35-Washing and cleaning products.  
PROC7 Industrial spraying.  
PROC8a-Transfer of substance or mixture (charging and discharging) at non-dedicated facilities.  
PROC8b-Transfer of substance or mixture (charging and discharging) at dedicated facilities.  
PROC11-Non-industrial spraying.  
PROC28 - Manual maintenance (cleaning and repair) of machinery.  
ERC4-Use of non-reactive processing aid at industrial site (no inclusion into or onto article).  
ERC8a-Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor).

### Additional information on product composition

In section 2 of the SDS as well as on the label, the classification of the mixture is provided.  
All ingredients contributing to the classification are stated in Section 3 of the SDS.  
Relevant limit values of ingredients on which the exposure assessment is based, are listed in section 8 of the SDS.  
The product may contain sensitizing ingredients that may cause allergic reaction to certain people.  
Section 2 of the SDS states these ingredients where applicable.