



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the preparation** Q2392Series

**Use of the Substance/Preparation** Inkjet printing

**Version #** 01

**Revision date** 14-Mar-2011

**CAS #** Mixture

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## 2. HAZARDS IDENTIFICATION

**Emergency Overview** Skin contact or inhalation of solvents contained in this product may cause irritation of skin, eyes and mucous membranes.

### Acute health effects

**Skin contact** Avoid contact with the skin.  
Contact with skin may result in irritation.

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

**Inhalation** Do not breathe vapour. Inhalation of vapours or mists of the product may be irritating to the respiratory system.

**Ingestion** May be harmful if swallowed.

### Potential health effects

**Carcinogenicity** Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

**Classification** Not classified.

**Physical hazards** Not classified as a physical hazard.

**Health hazards** Not classified as a health hazard.

**Environmental hazards** Not classified as an environmental hazard.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent	EC-No.	Classification
1,3-dimethylimidazolidin-2-one	80-73-9	45 - 50	201-304-8	Xn;R21/22, Xi;R36/38
Carbon black	1333-86-4	1 - 5	215-609-9	
Organic Compound B	Mixture	0.5 - 2.5		
Isopropanol	67-63-0	< 5	200-661-7	F;R11, Xi;R36, R67
Water	7732-18-5	> 40	231-791-2	

**Composition comments** Carbon black is present only in a bound form in this preparation.

## 4. FIRST AID MEASURES

**Inhalation** Move to fresh air. If symptoms persist, get medical attention.

<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
<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. Never give anything by mouth to an unconscious person.

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## 5. FIRE-FIGHTING MEASURES

<b>Fire fighting equipment/instructions</b>	Wear suitable protective equipment.
<b>Suitable extinguishing media</b>	CO2, water, dry chemical, or foam
<b>Extinguishing media which must not be used for safety reasons</b>	None known.
<b>Unusual fire &amp; explosion hazards</b>	None known.
<b>Hazardous combustion products</b>	Combustion will produce carbon dioxide, carbon monoxide, and nitrogen oxides.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up</b>	Wipe up with absorbent material (e.g. cloth, fleece).
<b>Other information</b>	Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations.

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## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
<b>Storage</b>	Keep away from heat, sparks and flame. Store in a cool, dry place out of direct sunlight. Keep containers tightly closed. Keep out of reach of children.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values

#### United Kingdom

Components	Type	Value
Carbon black (1333-86-4)	STEL	7.0000 mg/m3
	TWA	3.5000 mg/m3
Isopropanol (67-63-0)	STEL	1250.0000 mg/m3
		500.0000 ppm
	TWA	400.0000 ppm
		999.0000 mg/m3

<b>Additional exposure data</b>	Exposure limits have not been established for this product.
<b>Exposure controls</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
<b>Occupational exposure controls</b>	
<b>Respiratory protection</b>	Provide adequate ventilation.
<b>Eye protection</b>	Wear safety glasses; chemical goggles (if splashing is possible).
<b>Skin and body protection</b>	Wear appropriate chemical resistant gloves. Wear suitable protective clothing and eye/face protection. Remove and wash contaminated clothing before re-use.
<b>General</b>	Avoid contact with the skin and the eyes. Wear suitable protective equipment.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Not available.
<b>Physical state</b>	Liquid
<b>Form</b>	Liquid.
<b>Color</b>	Black.
<b>Odor</b>	Not available.

<b>Odour threshold</b>	Not available.
<b>pH</b>	9.5 - 10.5
<b>Boiling point</b>	Not available.
<b>Flash point</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Viscosity</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Melting point</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</b>	< 543 g/l

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## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Avoid high temperatures.
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Stability</b>	Stable under recommended storage conditions.
<b>Materials to avoid</b>	Incompatible with strong acids and oxidizing agents.
<b>Hazardous polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

<b>Oral toxicity</b>	LD50: oral/rat >2000 mg/kg
<b>Carcinogenicity</b>	Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint.
<b>Routes of exposure</b>	Potential routes of overexposure to this product are skin and eye contact and Inhalation.
<b>Serious eye damage/eye irritation</b>	Caused mild irritation in rabbit (OECD 405)
<b>Skin sensitization</b>	Skin irritation is not anticipated when used normally.
<b>Sensitization</b>	Did not cause sensitization on laboratory animals.
<b>Mutagenicity</b>	Not mutagenic in AMES Test.

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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	LC50: > 1000 mg/l, Killifish ( <i>Aplocheilus lineatus</i> ), 96.00 hours NOAEC: 1000 mg/l, Killifish ( <i>Aplocheilus lineatus</i> ), 96.00 hours
<b>Other adverse effects</b>	This product has not been tested for ecological effects.

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## 13. DISPOSAL CONSIDERATIONS

<b>Disposal instructions</b>	Do not allow this material to drain into sewers/water supplies. Dispose of in compliance with federal, state, and local regulations.
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## 14. TRANSPORT INFORMATION

<b>ADR</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.

**RID**

Not regulated as dangerous goods.

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**15. REGULATORY INFORMATION****Labeling**

**Contains** 1,3-dimethylimidazolidin-2-one, Carbon black, Isopropanol

**EC Label** This product does not require a label according to EU Directive 1999/45/EC.

**Regulatory information**

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

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**16. OTHER INFORMATION****Wording of the R-phrases in sections 2 and 3**

R11 Highly flammable.  
R21/22 Harmful in contact with skin and if swallowed.  
R36 Irritating to eyes.  
R36/38 Irritating to eyes and skin.  
R67 Vapours may cause drowsiness and dizziness

**Disclaimer**

This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company 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.

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**Manufacturer information**

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**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