



SAFETY DATA SHEET

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

Identification of the preparation Q7468Series

Use of the Substance/Preparation Inkjet printing

Version # 01

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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.

Skin contact	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
Eye contact	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.
Ingestion	If ingestion of a large amount does occur, seek medical attention. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
Storage	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.

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Not available.
Physical state	Liquid
Form	Liquid.
Color	Black.
Odor	Not available.

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Oral toxicity	LD50: oral/rat >2000 mg/kg
Carcinogenicity	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.
Routes of exposure	Potential routes of overexposure to this product are skin and eye contact and Inhalation.
Serious eye damage/eye irritation	Caused mild irritation in rabbit (OECD 405)
Skin sensitization	Skin irritation is not anticipated when used normally.
Sensitization	Did not cause sensitization on laboratory animals.
Mutagenicity	Not mutagenic in AMES Test.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal instructions	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

ADR	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

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.

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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Explanation of abbreviations

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