

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 09.04.2020

Revision: 09.04.2020

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

· **1.1 Product identifier**

· **Trade name:** Q Connect HP® 973X PageWide Black High Yield Ink Cartridge F6T81AE-COMP

· **Article number:** HI0S0701C1222R

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

· **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Product category** PC18 Ink and toners

· **Process category**

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

· **Environmental release category** ERC7 Use of functional fluid at industrial site

· **Article category** AC13 Plastic articles

· **Application of the substance / the mixture** Printing inks

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

· **Manufacturer/Supplier:**

Static Control Components (Europe) Ltd.

Unit 30, Worton Drive

Reading

Berkshire RG2 0TG

United Kingdom

info@scceurope.co.uk

· **Further information obtainable from:** Product safety department

· **1.4 Emergency telephone number:** During normal opening times (08:00-17:00): +44 (0) 118-923-8800

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) NO. 1272/2008**

The product is not classified, according to the CLP regulation.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** None required

· **Signal word** None required

· **Hazard statements** None required

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **Description:** Printing Ink

· **Dangerous components:**

CAS: 57-55-6 EINECS: 200-338-0	Propylene glycol ⚠ Acute Tox. 4, H302	>10-≤25%
CAS: 107-21-1 EINECS: 203-473-3 Index number: 603-027-00-1	ethanediol ⚠ Acute Tox. 4, H302	>2.5-≤10%

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.04.2020

Revision: 09.04.2020

Trade name: Q Connect HP® 973X PageWide Black High Yield Ink Cartridge F6T81AE-COMP

(Contd. of page 1)

CAS: 616-45-5 EINECS: 210-483-1	2-pyrrolidone	>2.5-≤10%
	⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	
· Non-hazardous components		
	Black Pigment	>2.5-≤10%
CAS: 7732-18-5 EINECS: 231-791-2	water, distilled, conductivity or of similar purity	>50-≤100%

 · **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 09.04.2020

Revision: 09.04.2020

Trade name: Q Connect HP® 973X PageWide Black High Yield Ink Cartridge F6T81AE-COMP

(Contd. of page 2)

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
No special measures required.
Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
No special precautions are necessary if used correctly.
Use only in well ventilated areas.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Do not store together with oxidising and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Protect from humidity and water.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

Ingredients with limit values that require monitoring at the workplace:**107-21-1 ethanediol**

IOELV	Short-term value: 104 mg/m ³ , 40 ppm Long-term value: 52 mg/m ³ , 20 ppm Skin
-------	--

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Wash hands before breaks and at the end of work.
Do not inhale dust / smoke / mist.
- **Protection of hands:**
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 4)

EU

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 09.04.2020

Revision: 09.04.2020

Trade name: Q Connect HP® 973X PageWide Black High Yield Ink Cartridge F6T81AE-COMP

(Contd. of page 3)

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Liquid

Colour: Black

· **Odour:** Light

· **Odour threshold:** Not determined.

· **pH-value at 20 °C:** 7-9

· **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 100 °C

· **Flash point:** >93.3 °C

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** 240 °C

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard in its original state.

· **Explosion limits:**

Lower: 2.6 Vol %

Upper: 12.6 Vol %

· **Vapour pressure at 20 °C:** 23 hPa

· **Density at 20 °C:** >1 g/cm³

Not determined.

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

· **Viscosity:**

Dynamic: Not determined.

Kinematic: Not determined.

· **Solvent content:**

Organic solvents: 16.3 %

Water: 65.0 %

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 09.04.2020

Revision: 09.04.2020

Trade name: Q Connect HP® 973X PageWide Black High Yield Ink Cartridge F6T81AE-COMP

(Contd. of page 4)

VOC (EC)	16.26 %
Solids content:	7.3 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 6)

EU

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 09.04.2020

Revision: 09.04.2020

Trade name: Q Connect HP® 973X PageWide Black High Yield Ink Cartridge F6T81AE-COMP

· **12.6 Other adverse effects** No further relevant information available.

(Contd. of page 5)

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN-Number	Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA.
· ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA
· ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA.
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	Not a regulated material under the United States DOT, IMDG, ADR, RID, or ICAO/IATA.
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

EU
(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 09.04.2020

Revision: 09.04.2020

Trade name: Q Connect HP® 973X PageWide Black High Yield Ink Cartridge F6T81AE-COMP

(Contd. of page 6)

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity - oral – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

· * Data compared to the previous version altered.

No changes to the Material Safety Data Sheet, all sections are current as the date of print seen above describes.