

Safety data sheet

according to 1907/2006/EC, Article 31 (as amended)

Printing date 16.02.2017

Version number 7

Revision: 19.05.2016

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

- **1.1 Product identifier** Ink jet printing ink cleaner
- **Range** UV FLUSHING SOLUTION QV
- **Product Codes** QV017
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
The product should not be used for any purpose other than that specified in Section 1.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer:**
Fujifilm Speciality Ink Systems Limited
Pysons Road, Broadstairs, Kent. CT10 2LE.
Tel. +44 (0)1843 866668
- **Information department:**
Product Safety Department
Office hours +44(0)1843 866668 (0830 to 1700 GMT)
product.safety@fujifilmsis.com
- **1.4 Emergency telephone number:** +44 (0) 203 394 9886 (English)

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** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
Organic solvents should not be used for hand cleaning as this may lead to absorption through the skin, skin irritation or dermatitis.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Cleansing agent
- **Dangerous components:**
There are no components presenting a health or environmental hazard within the meaning of the Classification, Labelling and Packaging Directive 1272/2008/EC (as amended)

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** Never make an unconscious person vomit or drink fluids.
- **After inhalation**
Supply fresh air. If required, provide artificial respiration. Keep patient warm.
- **After skin contact** Immediately wash with soap and water and rinse thoroughly.

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- **After eye contact**
Rinse open eye for several minutes under running water. Then consult a doctor.
- **After swallowing**
Give patient copious amounts of water to drink 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, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information**
Cool endangered containers with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Keep away from ignition sources



Refer to the protective measures stated in Sections 7 and 8. Keep unprotected personnel away.

- **6.2 Environmental precautions:**
Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities if seepage into water course or sewage system occurs.
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, diatomaceous earth, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to section 13.
- **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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Store in cool, dry place in tightly sealed containers.
Keep away from heat and direct sunlight.
Ensure good interior ventilation.

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- Information about protection against explosions and fires:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- 7.2 Conditions for safe storage, including any incompatibilities**
- Storage:** Store in accordance with current national regulations.
- Requirements to be met by storerooms and containers:** Store between 5 - 30 °C.
- Information about storage in one common storage facility:**
Do not store together with oxidising and acidic materials.
Do not store together with alkalis (caustic solutions).
- 7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters**
- Components with limit values that require monitoring at the workplace:**
- DNELs worker:**
- Additional information:**
The instructions and information provided by the manufacturer of the personal protective equipment on use, storage, maintenance and replacement must always be followed.
- 8.2 Exposure controls**
- General protective and hygienic measures**
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
Keep away from foodstuffs, beverages and feed.
- Breathing equipment:** Not necessary if room is well-ventilated.
- Protection of hands:**
There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.
The selection of single or multi-use gloves is dependent upon the level of exposure.
The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Always ensure that gloves are free from defects and that they are stored and used correctly.
Use of the following recommended:

Type	Rubber			Nitrile		Neoprene
	Single Use	Multi Use	Heavy Duty (Gauntlets)	Single Use	Multi Use	Heavy Duty (Gauntlets)
Preparation	X	Y	X	X	Y	X
Print Shop						
Solvent Inks	Y	Y	Y	Y	Y	Y
UV Inks	X	X	X	Y	Y	Y
Reclaim	X	X	Y	X	X	Y

Y = recommended X = not recommended

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

- Penetration time of glove material**
The exact break through time has to be obtained from the manufacturer of the protective gloves and must be observed.
- Eye protection:** Safety glasses
- Body protection:** Protective work clothing; disposable overalls are preferable.

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- **COSHH Essentials for Printers Control Guidance Sheet:**
Guidance is provided by the Health and Safety executive (HSE) concerning COSHH (Control of Substances Hazardous to Health) for printers.
See COSHH Essentials for Printers on the HSE website:
www.hse.gov.uk and enter 'COSHH Essentials for printers' in the search bar.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form: Fluid
 - Colour: According to product specification
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
 - Melting point/freezing point: undetermined
 - Initial boiling point and boiling range: undetermined
- **Flash point:** Not applicable
- **Flammability (solid, gaseous)** Not determined.
- **Ignition temperature:**
- **Decomposition temperature:** Not determined.
- **Self igniting:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures is possible.
- **Explosion limits:**
 - Lower: Not determined.
 - Upper: Not determined.
- **Oxidising properties** Not determined
- **Vapour pressure:** Not determined.
- **Density at 20 °C:** 0.965 g/cm³
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Water:** Fully miscible
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:** Not determined
- **dynamic:** Not determined.
- **kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents: 100.0 %
 - VOC (EU): 0.00 %
 - Water: 0.0 %
- **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.

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- **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.
- **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.
- **Additional toxicological information:** No further data
- **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:**
There are no data on the preparation itself.
The preparation has been assessed following the conventional method of the CLP Directive 1272/2008/EC and is not classified as dangerous for the environment.



Do not allow product to reach ground water, water course or sewage system.

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation



Must not be disposed together with household rubbish. Do not allow product to reach sewage system.

- European waste catalogue

07 07 04*	other organic solvents, washing liquids and mother liquors
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- Recommendation:

Dispose of product according to official regulations.
Also see Section 16 'Other Information'

SECTION 14: Transport information

- | | |
|---|--|
| · 14.1 UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 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. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- Chemical Safety Assessment Chemical Safety Assessment not applicable
- 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.
 - National regulations
 - Other regulations, limitations and prohibitive regulations
 - Substances of very high concern (SVHC) according to REACH, Article 57
Does not contain a SVHC according to REACH, Article 57

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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.

An "*" in the left hand margin indicates an amendment from the previous version.

• **Recommended restriction of use**

The product should not be used for any purpose other than that specified in Section 1.

• **Department issuing SDS:**

Product Safety Department - Fujifilm Speciality Ink Systems Limited

• **Contact:** product.safety@fujifilmsis.com

• **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 (IATA Dangerous Goods Regulation (DGR) 57th Edition 2016)

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)

DNEL: Derived No-Effect Level (REACH)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

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