

Safety data sheet
according to UK REACH

Printing date 04.12.2024

Version number 1

Revision: 12.11.2024

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

- **1.1 Product identifier** Ink jet printing ink
- **Range** **TRITON AQ-FLUSH**
- **Product Codes** TF-HC
- **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
- **Distributor:**
EU Distributor-FUJIFILM EUROPE BV.
Oudenstaart 1, 5047 TK Tilburg,
NEDERLAND Tel: +31 13 579 19 11
- **Information department:**
Regulatory Affairs Department
Office hours +44(0)1843 866668 (0830 to 1700 GMT)
fsis.product-safety@fujifilm.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, as amended for GB-CLP**
The product is not classified as hazardous to health or environment, according to the GB CLP regulation.
The product is not classified, according to the GB CLP regulation.
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- **2.2 Label elements**
- **Labelling according to regulation (EC) No 1272/2008, as amended for GB-CLP** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Determination of endocrine-disrupting properties** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **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)
- **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** 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.
- **After eye contact**
Rinse open eye for several minutes under running water. Then consult a doctor.

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- **After swallowing** Rinse out mouth and then drink plenty of water.
- **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:
Iodine
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **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**



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

- Ensure adequate ventilation
- **For non-emergency personnel** Remove personnel from danger area.
- **For emergency responders** Wear protective clothing.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities if seepage into water course or sewage system occurs.
- **6.3 Methods and material for containment and cleaning up:**
Dilute with plenty of water.
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.
- **Information about protection against explosions and fires:**
Substance/product is oxidising when dry.
- **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 only in the original container.
Store between 5 - 30°C.
- **Information about storage in one common storage facility:**
Keep away from combustible material
- **7.3 Specific end use(s)** No further relevant information available.

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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.
- **Hand protection**
Use of the following 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/face protection** Safety glasses
- **Body protection:** Protective work clothing; disposable overalls are preferable.
- **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**
- **Colour:** According to product specification
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** undetermined
- **Boiling point or initial boiling point and boiling range** 100 °C (7732-18-5 Water)
- **Flammability** Not determined.
- **Lower and upper explosion limit**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Flash point:** Not applicable
- **Auto-ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **pH** Not determined.
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **dynamic:** Not determined.
- **Water:** Fully miscible
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Vapour pressure:** Not determined.
- **Density and/or relative density**
- **Density:** Not determined
- **Relative density** Not determined.
- **Vapour density** Not determined.

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- **9.2 Other information**
- **Appearance:**
- **Form:** Fluid
- **Important information on protection of health, safety and the environment.**
- **Self igniting:** Product is not selfigniting.
- **Explosive properties:** Not determined.
- **Solvent content:**
- **Organic solvents:** 0.0 %
- **Change in condition**
- **Softening point/range**
- **Oxidising properties** Not determined
- **Evaporation rate** Not determined.

- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Specific symptoms in biological assay:**
- **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.
- **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.

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- **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.
- **Other information (about experimental toxicology):** AMES - negative
- **11.2 Information on other hazards** Void

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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects** 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 GB CLP Directive 1272/2008/EC, as amended for Great Britain and is not classified as dangerous for the environment.
Do not allow undiluted product to reach ground water, water course or sewage system. The product is processed using water and diluted product should only ever be discharged to a sewer. Permission for such discharge needs to be obtained from the local enforcing authority. Enforcers may impose restrictions on the concentrations that can be discharged.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
 - **Recommendation**
Small amounts may be diluted with plenty of water and washed away. Dispose of larger amounts in accordance with Local Authority requirements.
 - **European waste catalogue**
- | | |
|----------|--|
| 08 03 13 | waste ink other than those mentioned in 08 03 12 |
|----------|--|
- **Waste Hazard Classification:**
 - **Recommendation:**
Dispose of product according to official regulations.
Also see Section 16 'Other Information'

SECTION 14: Transport information

- | | |
|--|------|
| • 14.1 UN number or ID number | Void |
| • ADR, IMDG, IATA | Void |
| • 14.2 UN proper shipping name | Void |
| • ADR, IMDG, IATA | Void |
| • 14.3 Transport hazard class(es) | Void |
| • ADR, ADN, IMDG, IATA | Void |
| • Class | Void |
| • 14.4 Packing group | Void |
| • ADR, IMDG, IATA | Void |

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- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- **Transport/Additional information:** Not dangerous according to the above specifications.
- **UN "Model Regulation":** Void

SECTION 15: Regulatory information

- **15.2 Chemical Safety Assessment** Chemical Safety Assessment not applicable
- **15.28 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **Poisons Act**

• **Regulated explosives precursors**
None of the ingredients is listed.

• **Regulated poisons**
None of the ingredients is listed.

• **Reportable explosives precursors**
None of the ingredients is listed.

• **Reportable poisons**
None of the ingredients is listed.

- **Directive 2012/18/EU, Seveso III Directive, as amended for Great Britain**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

• **DIRECTIVE 2011/65/EU, as amended for Great Britain, on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II**
None of the ingredients is listed.

- **REGULATION (EU) 2019/1148, as amended for Great Britain**

• **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
None of the ingredients is listed.

• **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
None of the ingredients is listed.

• **Regulation (EC) No 273/2004 on drug precursors, as amended for Great Britain**
None of the ingredients is listed.

• **Regulation (EC) No 111/2005, as amended for Great Britain, laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
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**
Not formulated to contain SVHC according to UK REACH Article 57 >0.1%

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.
The safety data sheets are in compliance with regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878

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

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• Recommended restriction of use

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

• Department issuing SDS:

Regulatory Affairs Department - Fujifilm Speciality Ink Systems Limited

• Contact: *fsis.product-safety@fujifilm.com***• Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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) 65th Edition 2024)

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 (UK REACH)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

GB