

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 as amended

SDS #: F-60031

HF Aqueous Ink - Yellow

Issuing Date 2017-03-13

Revision Date 2020-04-27

Version 5.01

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

1.1 Product Identifier

Product Name HF Aqueous Ink for Xerox® Trivor® 2400 HF Inkjet Press
Part no. 008R13246
Colour Yellow

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

Recommended Use Ink jet printing

1.3 Details of the supplier of the safety data sheet

Supplier Xerox Ltd.
 Building 4
 Uxbridge Business Park
 Sanderson Road
 Uxbridge
 Middlesex. UB8 1DH
 UK

For further information, please contact

Contact person Manager, Environment, Health, Safety
 & Sustainability
Phone ++44 (0)1707 353434
E-mail address ehs-europe@xerox.com

For the most current document <https://safetysheets.business.xerox.com>

1.4 Emergency telephone number

Not applicable

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

2.2 Label elements

Symbol(s) None required
Signal Word None
Hazard Statements None required
Precautionary Statements None required

2.3 Other hazards

SDS #: F-60031

HF Aqueous Ink - Yellow

Issuing Date 2017-03-13

Revision Date 2020-04-27

Version 5.01

Contains a chemical that can cause an allergic reaction in susceptible people

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

| Chemical Name | Weight % | CAS No. | EC-No | Classification (Reg. 1272/2008) | Hazard Statements | REACH Registration Number |
|----------------------------|----------|-------------|-----------|--|--------------------------------------|---------------------------|
| Water | 50-75 | 7732-18-5 | 231-791-2 | -- | -- | -- |
| Aliphatic alcohol | 15-30 | Proprietary | Listed | -- | -- | -- |
| 1,2-Hexanediol | 4-10 | 6920-22-5 | 230-029-6 | Eye Irrit. 2 | H319 | -- |
| Yellow pigment | <8 | Proprietary | Listed | -- | -- | -- |
| Triethanolamine | <1 | 102-71-6 | 203-049-8 | -- | -- | -- |
| 1,2-Benzisothiazolin-3-one | <0.05 | 2634-33-5 | 220-120-9 | Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 | H302 H315 H318 H317 H400 | -- |

Full text of H- statements: see section 16

Note

"--" indicates no classification or hazard statements apply.

Components marked as "Not Listed" are exempt from registration.

Where no REACH registration number is listed, it is considered confidential to the Only Representative.

4. FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|-----------------------|---|
| General advice | IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE. |
| Eye contact | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist |
| Skin contact | Wash off with warm water and soap, Get medical attention if irritation develops and persists |
| Inhalation | Move to fresh air, Get medical attention immediately if symptoms occur |
| Ingestion | If swallowed, do not induce vomiting - seek medical advice |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|-------------------------|---|
| Acute toxicity | |
| Eyes | May cause slight irritation |
| Skin | May cause irritation |
| Inhalation | No known effect |
| Ingestion | No known effect |
| Chronic effects | |
| Chronic toxicity | Repeated contact may cause allergic reactions in very susceptible persons |
| Main symptoms | Overexposure may cause: Eye irritation Skin irritation |

4.3 Indication of immediate medical attention and special treatment needed

SDS #: F-60031

HF Aqueous Ink - Yellow

Issuing Date 2017-03-13

Revision Date 2020-04-27

Version 5.01

Notes to physician Treat symptomatically

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Water spray, Foam, Carbon dioxide (CO₂)

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

5.2 Special hazards arising from the substance or mixture

None in particular

Hazardous combustion products Thermal decomposition can lead to release of irritating gases and vapours

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other information

Flash point > 100 °C / > 212 °F

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes, Use personal protective equipment

6.2 Environmental precautions

Should not be released into the environment, Do not allow material to contaminate ground water system

6.3 Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so, Dyke to collect large liquid spills, Prevent entry into waterways, sewers, basements or confined areas

Methods for cleaning up Soak up with inert absorbent material, Prevent product from entering drains

6.4 Reference to other sections

See section 12 for additional ecological information

See Section 13 for additional information

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice, Avoid contact with skin and eyes, Ensure adequate

SDS #: F-60031

HF Aqueous Ink - Yellow

Issuing Date 2017-03-13

Revision Date 2020-04-27

Version 5.01

ventilation, Handle and open container with care

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place, Keep out of the reach of children, Handle with care

7.3 Specific end uses

Ink jet printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Limits For country specific exposure limits see Section 16

| Chemical Name | ACGIH TLV | European Union |
|-----------------|--------------------------|----------------|
| Triethanolamine | TWA: 5 mg/m ³ | |

8.2 Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection If splashes are likely to occur, wear: Goggles
Hand protection Protective gloves.
Skin and body protection None under normal use conditions
Respiratory protection Use only with adequate ventilation.

Environmental Exposure Controls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | | | |
|-----------------------|--------|---------------|--------|
| Appearance | Opaque | Odour | Slight |
| Physical state | Liquid | Colour | Yellow |
| pH | 7-9.5 | | |

Flash point > 100 °C / > 212 °F

Melting / Freezing Point Not applicable
Boiling point/boiling range Not determined
Softening point Not applicable

Evaporation rate No information available
Flammability Not flammable
Flammability Limits in Air No information available

Explosive Limits No data available

Vapour pressure No information available

SDS #: F-60031

HF Aqueous Ink - Yellow

Issuing Date 2017-03-13

Revision Date 2020-04-27

Version 5.01

| | |
|---------------------------|--------------------------|
| Vapour density | No information available |
| Specific gravity | No information available |
| Water solubility | Dispersible |
| Partition coefficient | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | Not determined |
| Viscosity | 5-7 mPa.s @ 25 °C |

| | |
|----------------------|----------------|
| Explosive properties | Not explosive |
| Oxidising properties | Not applicable |

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

| | |
|--------------------------|---|
| Hazardous reactions | None under normal processing |
| Hazardous polymerisation | Hazardous polymerisation does not occur |

10.4 Conditions to avoid

Strong oxidising agents, Extremes of temperature and direct sunlight

10.5 Incompatible Materials

Alkali metals, Strong oxidising agents, Peroxides

10.6 Hazardous decomposition products

Undefined, but may include toxic oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

| | |
|---------------------|--|
| Product Information | No acute toxicity information is available for this product. |
| Irritation | Irritating to eyes and skin |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | LC50 Inhalation |
|---------------|-----------|-------------|-----------------|
|---------------|-----------|-------------|-----------------|

SDS #: F-60031

HF Aqueous Ink - Yellow

Issuing Date 2017-03-13

Revision Date 2020-04-27

Version 5.01

| | | | |
|----------------------------|--------------------|---|--|
| Aliphatic alcohol | 20 g/kg (Rat) | 20800 mg/kg (Rabbit) | |
| Triethanolamine | 4190 mg/kg (Rat) | 20 mL/kg (Rabbit) 16 mL/kg (Rat) | |
| 1,2-Benzisothiazolin-3-one | 1020 mg/kg (Rat) | | |

Chronic toxicity

Carcinogenicity Not classifiable as a human carcinogen

Other toxic effects

Sensitisation Contains a chemical that can cause an allergic reaction in susceptible people

Target organ effects No information available

Aspiration Hazard No information available

11.2 Information on other hazards

Endocrine disrupting properties No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

On available data, the mixture / preparation is not harmful to aquatic life

12.2 Persistence and degradability

No product level data available

12.3 Bioaccumulative potential

No product level data available

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

No information available

12.7 Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

SDS # : F-60031**HF Aqueous Ink - Yellow****Issuing Date** 2017-03-13**Revision Date** 2020-04-27**Version** 5.01

13.1 Disposal considerations

Waste Disposal Method Avoid runoff to waterways and sewers
Dispose of in accordance with local regulations

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

EWC Waste Disposal No. 08 03 13

14. TRANSPORT INFORMATION**14.1 UN/ID No**

Not regulated

14.2 Proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not classified

14.4 Packing Group

Not applicable

14.5 Environmental hazards

Presents little or no hazard to the environment

14.6 Special precautions for users

No special precautions are needed in handling this material

14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

15.2 Chemical Safety Assessment

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

SDS #: F-60031

HF Aqueous Ink - Yellow

Issuing Date 2017-03-13

Revision Date 2020-04-27

Version 5.01

16. OTHER INFORMATION

Issuing Date 2017-03-13
 Revision Date 2020-04-27
 Revision Note Address for some geographies updated

Full text of H-Statements referred to under sections 2 and 3

- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H318 - Causes serious eye damage
- H319 - Causes serious eye irritation
- H400 - Very toxic to aquatic life

Additional advice

EU Country Specific Exposure Limits

| Chemical Name | The United Kingdom | Ireland | France | Germany | The Netherlands |
|-------------------|--|--|--------|-------------------------|-----------------|
| Aliphatic alcohol | STEL 450 ppm STEL 1422 mg/m ³ STEL 30 mg/m ³ TWA 150 ppm TWA 474 mg/m ³ TWA 10 mg/m ³ | TWA 10 mg/m ³ TWA 150 ppm TWA 470 mg/m ³ STEL 1410 mg/m ³ STEL 30 mg/m ³ STEL 450 ppm | | | |
| Yellow pigment | | | | K1 | |
| Triethanolamine | | TWA 5 mg/m ³ STEL 15 mg/m ³ | | AGW 1 mg/m ³ | |

| Chemical Name | Belgium | Switzerland | Austria | Hungary | Czech Republic |
|-----------------|-------------------------|---|--|---------|---|
| Yellow pigment | | | C | | |
| Triethanolamine | TWA 5 mg/m ³ | SS-C** TWA 5 mg/m ³ STEL 5 mg/m ³ | S** STEL 1.6 ppm STEL 10 mg/m ³ TWA 0.8 ppm TWA 5 mg/m ³ | | TWA 5 mg/m ³ Ceiling 10 mg/m ³ S* |

| Chemical Name | Spain | Portugal | Italy | Greece | Romania |
|-----------------|-------------------------|-------------------------|-------|--------|---------|
| Triethanolamine | TWA 5 mg/m ³ | TWA 5 mg/m ³ | | | |

| Chemical Name | Poland | Denmark | Sweden | Finland | Norway |
|-------------------|---------------------------|--|---|-------------------------|---|
| Aliphatic alcohol | TWA 100 mg/m ³ | | | | TWA 25 ppm TWA 79 mg/m ³ STEL 37.5 ppm STEL 118.5 mg/m ³ |
| Triethanolamine | | TWA 0.5 ppm TWA 3.1 mg/m ³ | TLV 5 mg/m ³ TLV 0.8 ppm Indicative STEL 10 mg/m ³ Indicative STEL | TWA 5 mg/m ³ | TWA 5 mg/m ³ STEL 10 mg/m ³ |

SDS # : F-60031**HF Aqueous Ink - Yellow****Issuing Date** 2017-03-13**Revision Date** 2020-04-27**Version** 5.01

| Chemical Name | Poland | Denmark | Sweden | Finland | Norway |
|----------------------|---------------|----------------|---------------|----------------|---------------|
| | | | 1.6 ppm A* | | |

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.