

SAFETY DATA SHEET

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

SDS #: F-60051

HD Waterbased Ink - Cyan

Issuing Date 2021-02-16

Revision Date 2023-10-10

Version 7

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

1.1 Product Identifier

Product Name HD Waterbased Ink for Xerox® Trivor® 2400 HD Inkjet Press, iPrint - Reference 75-125, iPrint - eVolution/Compact 75 - 125
Part no. 008R13312
UFI 2F00-30UX-Q002-048Q
Colour Cyan

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 Europe Limited
 Xerox Technology Park
 Dublin Road
 Dundalk
 Co. Louth
 Ireland

For further information, please contact

Contact person Andy Cosgrove
Phone +353 429387410
E-mail address ehs-europe@xerox.com

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

1.4 Emergency telephone number

+44 1865 407333

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

| | |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 1 |
|-----------------------------------|------------|

2.2 Label elements

GHS Label elements, including precautionary statements

Symbol(s)

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Signal Word Danger

Hazard Statements H318 - Causes serious eye damage
Precautionary Statements P280 - Wear eye protection/ face protection
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P310 - Immediately call a POISON CENTER or doctor/physician

UFI 2F00-30UX-Q002-048Q

EC Label EUH208 - Contains (1,2-benzisothiazol-3(2H)-one CAS 2634-33-5). May produce an allergic reaction

2.3 Other hazards

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

SECTION 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 | 50-70 | 7732-18-5 | 231-791-2 | -- | -- | -- |
| Glycerin | 20-30 | 56-81-5 | 200-289-5 | -- | -- | -- |
| Cyan pigment | 5-12 | Proprietary | Listed | -- | -- | 01-2119458771-32-0044 |
| 2-Pyrrolidone | <3 | 616-45-5 | 210-483-1 | Eye Irrit 2 Repro Tox 1B | H319 H360 | -- |
| Triethylene glycol, monobutyl ether | 1-10 | 143-22-6 | 205-592-6 | Eye Dam. 1 | H318 | -- |
| Additive | <1 | 9014-85-1 | Listed | Aquatic Chronic 3 Skin Sens. 1B Eye Dam. 1 | H412 H317 H318 | -- |
| 1,2-Hexanediol | <1 | 6920-22-5 | 230-029-6 | Eye Irrit. 2 | H319 | -- |
| Polyethylene glycol monobutyl ether | <1 | 9004-77-7 | 500-012-0 | Eye Dam. 1 | H318 | -- |
| 1,2-Benzisothiazolin-3-one | <0.036 | 2634-33-5 | 220-120-9 | Acute Tox. 4 (oral) 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.

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

SECTION 4. FIRST AID MEASURES

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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 | Clean mouth with water and afterwards drink plenty of water, Consult a doctor if necessary, Do NOT induce vomiting |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|-------------------------|---|
| Acute toxicity | |
| Eyes | May cause irritation |
| Skin | May cause irritation |
| Inhalation | May cause irritation of respiratory tract |
| Ingestion | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea |
| 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

| | |
|-----------------------------------|--|
| Protection of first-aiders | Avoid contact with skin, eyes and clothing |
| Notes to physician | Treat symptomatically |

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

| | |
|---------------------------------------|---|
| Suitable extinguishing media | Water spray, Foam, Carbon dioxide (CO ₂) |
| 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

| | |
|---------------------|---------------|
| Flammability | Not flammable |
|---------------------|---------------|

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Flash point > 100 °C

SECTION 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

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice, Ensure adequate ventilation, Prevent the formation of vapours, mist and aerosols, Avoid contact with skin, eyes and clothing, Do not ingest

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place, Keep out of the reach of children

7.3 Specific end uses

Ink jet printing

SECTION 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 |
|---------------|--------------------------|----------------|
| Cyan pigment | TWA: 1 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)

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| | |
|---------------------------------|--|
| 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. |
| Thermal hazards | None under normal processing |

Environmental Exposure Controls

| | |
|--|---|
| Environmental Exposure Controls | Keep out of drains, sewers, ditches and waterways |
|--|---|

| |
|--|
| SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES |
|--|

9.1 Information on basic physical and chemical properties

| | | | |
|------------------------------------|---|---------------|--------|
| Appearance | Opaque | Odour | Slight |
| Physical state | Liquid | Colour | Cyan |
| pH | 7.5 - 9.0 | | |
| Flash point | > 100 °C | | |
| 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 | | |
| Vapour density | No information available | | |
| Specific gravity | No information available | | |
| Density | 1.09 g/cm ³ | | |
| Water solubility | Soluble in water | | |
| Partition coefficient | No information available | | |
| Autoignition temperature | No information available | | |
| Decomposition temperature | Not determined | | |
| Viscosity | Viscosity, dynamic 5.4 - 6 Pa.s @ 25 C° | | |
| Explosive properties | Not explosive | | |
| Oxidising properties | Not applicable | | |

9.2 Other information

None

| |
|---|
| SECTION 10. STABILITY AND REACTIVITY |
|---|

10.1 Reactivity

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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

SECTION 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity

| | |
|---------------------|-----------------------------------|
| Product Information | . |
| Irritation | May cause skin and eye irritation |
| Oral LD50 | Not determined |
| Dermal LD50 | Not determined |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | LC50 Inhalation |
|-------------------------------------|---------------------|-----------------------|-----------------------------------|
| Glycerin | 12600 mg/kg (Rat) | 10 g/kg (Rabbit) | 570 mg/m ³ (Rat) 1 h |
| Cyan pigment | 10000 mg/kg (Rat) | | |
| 2-Pyrrolidone | 6500 mg/kg (Rat) | 2000 mg/kg (Rabbit) | 80 ppm (Rat) 8 h |
| Triethylene glycol, monobutyl ether | 5300 mg/kg (Rat) | 2000 mg/kg (Rabbit) | |
| 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 |
| Reproductive toxicity | No known effects under normal use conditions |
| Target organ effects | No information available |
| Aspiration Hazard | No information available |

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11.2 Information on other hazards

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors

SECTION 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

Bioaccumulation is unlikely

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

This product does not contain any known or suspected endocrine disruptors

12.7 Other adverse effects

No information available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Disposal considerations

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

SECTION 14. TRANSPORT INFORMATION

14.1 UN/ID No

Not regulated

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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 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

15.2 Chemical Safety Assessment

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

SECTION 16. OTHER INFORMATION

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Revision Note (M)SDS sections updated, 8, 13

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
- H360 - May damage fertility or the unborn child
- H400 - Very toxic to aquatic life
- H412 - Harmful to aquatic life with long lasting effects

Additional advice

EU Country Specific Exposure Limits

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| Chemical Name | The United Kingdom | Ireland | France | Germany | The Netherlands |
|---------------|---|---------|--------------------------|---------------------------|-----------------|
| Glycerin | STEL 30 mg/m ³ TWA 10 mg/m ³ | | TWA 10 mg/m ³ | AGW 200 mg/m ³ | |

| Chemical Name | Belgium | Switzerland | Austria | Hungary | Czech Republic |
|---------------|--------------------------|--|--|-------------------------|--|
| Glycerin | TWA 10 mg/m ³ | SS-C** TWA 50 mg/m ³ STEL 100 mg/m ³ | | | TWA 10 mg/m ³ Ceiling 15 mg/m ³ |
| Cyan pigment | | | STEL 4 mg/m ³ STEL 0.4 mg/m ³ TWA 1 mg/m ³ TWA 0.1 mg/m ³ | STEL 4mg/m ³ | |

| Chemical Name | Spain | Portugal | Italy | Greece | Romania |
|---------------|---------------------------|--------------------------|-------|--------------------------|---------|
| Glycerin | TWA 10 mg/m ³ | TWA 10 mg/m ³ | | TWA 10 mg/m ³ | |
| Cyan pigment | TWA 0.1 mg/m ³ | | | | |

| Chemical Name | Poland | Denmark | Sweden | Finland | Norway |
|---------------|--------------------------|---------|--------|----------------------------|--------|
| Glycerin | TWA 10 mg/m ³ | | | TWA 20 mg/m ³ | |
| Cyan pigment | | | | TWA 0.02 mg/m ³ | |

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.