

Safety Data Sheet

SDS # : F-60022

AQK1004 Dye Black Ink

Issuing Date 2016-06-23

Revision Date 2017-06-02

Version 1.01

Active

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

Product Identifier

Product Name

Water-based Dye Ink for iEngine 1000

Part no. A0003504

Color Black
Pure substance/mixture Mixture

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

Recommended Use Ink jet printing

Details of the supplier of the safety data sheet

Supplier Xerox Corporation
 Rochester, NY 14644

For further information, please contact

Contact person Manager, Environment, Health, Safety & Sustainability
E-mail address askxerox@xerox.com
Emergency telephone Safety Information US: (800) 275-9376
 Chemical Emergency only (Chemtrec) (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified

Label elements

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

Other hazards

May cause sensitization by skin contact
 May cause skin and eye irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Solvent	Proprietary	40-60	--	--
Water	7732-18-5	30-40	--	--
Dye	Proprietary	20-30	--	--
1,2-Hexanediol	6920-22-5	<5	Eye Irrit. 2	H319
1,2-Benzisothiazolin-3-one	2634-33-5	<0.05	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

4. FIRST AID MEASURES

Description of first-aid measures

General advice IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids, If eye irritation persists, consult a specialist

Skin contact Wash off with warm water and soap

Inhalation Move to fresh air, If symptoms persist, call a physician

Ingestion Clean mouth with water and afterwards drink plenty of water, Consult a physician if necessary

Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes Contact with eyes may cause irritation

Skin May cause sensitization by skin contact

Inhalation No known effect

Ingestion No known effect

Chronic toxicity No information available

Main symptoms May cause eye and skin irritation
May cause sensitization by skin contact

Indication of immediate medical attention and special treatment needed

Protection of first-aiders No special protective equipment required

Notes to physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

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

Special hazards arising from the substance or mixture

None in particular

Hazardous combustion products
No information available

Special protective actions for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other information

Flammable properties	Not flammable. Will not readily ignite.
Flash point	Not determined

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes

Environmental precautions

Do not allow material to contaminate ground water system

Methods and material for containment and cleaning up

Methods for containment	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal
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Methods for cleaning up	Soak up with inert absorbent material Prevent product from entering drains
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Reference to other sections

No information available

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice Ensure adequate ventilation Prevent the formation of vapors, mists and aerosols.
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Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	Keep containers tightly closed in a dry, cool and well-ventilated place Keep out of the reach of children
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Incompatible products	No information available
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Specific end uses

Ink jet printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Exposure controls

Engineering measures	Ensure adequate ventilation, especially in confined areas
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Individual protection measures, such as personal protective equipment (PPE)

Respiratory protection	Use only with adequate ventilation.
Eye/Face protection	If splashes are likely to occur, wear: Safety glasses with side-shields
Skin and body protection	None under normal use conditions
Hand protection	None under normal use conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Opaque	Odor	Slight
Odor threshold	No information available	Physical state	Liquid
pH	Not determined	Color	Black
Flash point	Not determined	Boiling point/range	Not determined
Softening point	Not applicable	Autoignition temperature	No information available
Flammability Limits in Air	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Water solubility	Soluble in water		
Viscosity	No information available		
Partition coefficient	No information available		
Evaporation rate	No information available		
Melting point/range	Not applicable		
Freezing point	No information available		
Decomposition temperature	Not determined		
Specific gravity	No information available		

Other information

Explosive properties Not explosive

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

Hazardous reactions None under normal processing
Hazardous polymerization Hazardous polymerization does not occur

Conditions to avoid

None known based on information supplied

Incompatible materials to avoid

No information available

Hazardous decomposition products

None under normal use

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product Information

No acute toxicity information is available for this product

Oral LD50 Not determined
Dermal LD50 Not determined

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
1,2-Benzisothiazolin-3-one	1020 mg/kg (Rat)		

Chronic toxicity

Sensitization Contains a chemical that can cause an allergic reaction in susceptible people
Neurological Effects No information available
Target organ effects No information available

CMR Effects

Mutagenic effects No information available
Reproductive toxicity No information available
Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard No information available

12. ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity On available data, substance is not harmful to aquatic life.
Chronic Aquatic Toxicity On available data, substance is not harmful to aquatic life.

Persistence and degradability

No product level data available

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Soluble in water

Chemical Name	log Pow
1,2-Benzisothiazolin-3-one	1.3

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Waste Disposal Methods Do not dispose of waste into sewer
 Dispose of in accordance with all applicable local and national environmental laws and regulations

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

14. TRANSPORT INFORMATION

This material is not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

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

OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

International Inventories

TSCA	Complies
DSL/NDSL	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product is subject to U.S. State Right-to-know regulations as noted below.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Water			X		

16. OTHER INFORMATION

Issuing Date	2016-06-23
Revision Date	2017-06-02
Revision Note	Update to Format

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

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

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