

INK SWISS[®]

PREMIUM QUALITY

Material Safety Data Sheet - Color and Black Cartridges

1. Identification of Product and Company

Product Name	Color and Black Inkjet Cartridge
Product Application	For use in inkjet printing for printers, facsimile equipment and photo copier
Supplier Name	Ink Swiss
Supplier Address	Reservoirweg 12 CH - 4123 Allschwil Switzerland Email: info@ink-swiss.ch
Emergency number	Tel. +49 (0)800 / 2270000

2. Composition / Information to the Ingredients

2.1 For Color Cartridge

Ingredients	CAS Number	Percent (wt.)
Water Soluble Dyes	Trade Secret	6 - 7
Water Soluble Organics Solvent	Trade Secret	8 - 10
Surfactant	Trade Secret	1 - 5
Water	7732-18-5	70 - 75

2.2 For Black Cartridge

Ingredients	CAS Number	Percent (wt.)
Pigment	Trade Secret	18 - 20
Water Soluble Organics Solvent	Trade Secret	8 - 10
Surfactant	Trade Secret	1
Water	7732-18-5	> 70

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3. Hazards Identification

Hazard Information	This product is not regarded as a health or environmental hazard under current legislation.
Routes of Exposure	Primary route of exposure: skin contact
Inhalation	Not expected to be significant routes of exposure for this product under normal use conditions.
Skin Contact	Not an irritant Exposure not probable with intended use. Not a derma sensitizer.
Eye Contact	Not an irritant Exposure not probable with intended use.
Ingestion	Low acute oral toxicity. Exposure not probable with intended use.

4. First Aid Measure

Inhalation	Remove to fresh air. If symptoms persist, consult a physician.
Skin Contact	Wash affected areas thoroughly with soap and water. If irritation persists, consult a physician.
Eye Contact	Flush eyes with water for 15 minutes while lifting the upper and lower lids. Get medical attention.
Ingestion	Call a poison center or doctor immediately for treatment advice. If conscious, give one 8 ounce glass of water to dilute. Do not give anything by mouth to or induce vomiting in an immediately for treatment advice.

5. Fire Fighting Measures

Extinguishing Media	Water, dry chemical, alcohol foam and carbon dioxide
Flash point	Not Applicable
Auto Ignition Temperature	Not Determined
Flammable Limits in air	Not Determined
Special Exposure Hazards	None known
Unsuitable Extinguishing media	None known
Special fire fighting procedure	None known

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6. Accidental Release Measure

Personal Precautionary Measure	None required for intended use in printer.
Environmental Precautionary	Unless specifically permitted for disposal, keep waste out of sewers, waterheds and waterways.
Procedure for cleaning/ Absorption	Absorb small spills with cloth or paper towel .Collect into closable container for proper disposal this is subject to federal, state, local or provincial regulations.

7. Handling and Storage

Precaution Steps for Storage	To avoid damage to the cartridge and accidental contact with ink Keep out of the reach of children.
Handling	None required for intended use in printer.

8. Exposure Controls / Personal Protection

Engineering Controls	None required
Respiratory Protection	None required for intended use in printer.
Gloves	None required for intended use in printer.
Skin and eyes Protection	None required for intended use in printer.
Other Protective Equipment	None required for intended use in printer.

9. Physical and Chemical Properties For Color and Black Cartridges

Appearance	Cartridge filled with ink
Respiratory Protection Color	Cyan, Magenta, Yellow and Black
Odor	Faint
pH - value	7.0 – 9.0
Specific Gravity	1.02 – 1.04
Boiling point	Not Determined
Explosive properties	Not applicable
Vapor pressure	Not applicable
Solubility	Soluble in water

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10. Stability and Reactivity

Chemical Stability	Stable under normal conditions
Conditions to avoid	None known
Incompatibility	Strong oxidizing agents, strong acids and strong bases.
Hazardous Reaction products	None

11. Stability and Reactivity

Primary route of exposure	Skin contact
Ingestion	Low acute oral toxicity. Exposure not probable with intended use.
Inhalation	May cause coughing and irritation of the respiratory system
Aggravated condition	None required for intended use in printer.
Carcinogenicity	None known

12. Environmental Information

Mobility	Not determined
Persistence	Not determined
Bioaccumulative potential	Not determined
Other detrimental effects	None

13. Disposal Information

Waste Disposal Method	Dispose of in accordance with all local, state and federal regulations.
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14. Transformation Information

UN Number	Not applicable
Proper Shipping Name	Not applicable
Packing Group	Not applicable
Marine Pollutant	Not applicable
Special Precaution	None noted

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15. Regulatory Information

Chemical safety evaluation	A safety evaluation has not beendone
Risk phrase	Not classified
Safety phrase	Not classified
Rules of European Community	<u>Rule 1999/45/EC For dangerous preparation Here, ink is-no hazardous chemical!</u>
National rule <u>Always the actual version of the rule applies!</u>	Here ink is considered as no hazard to the environment.

16. Other Information

NFPA Ratings	Health = 1	Fire = 0	Reactivity = 0
HMIS Rating	Health = 1	Fire = 0	Reactivity = 1

17. Preparation of M.S.D.S

MSDS request line:	+49 (0)800 / 2270000
MSDS Fax line:	+49 (0)800 / 2280000
Updated:	June 18,2015
Prepared by:	Ink Swiss

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