

Revision date: Novemeber 2016

Revision version# Rev. 2

**SAFETY DATA SHEET** Mcor Magenta Ink

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name: Mcor Magenta Ink

**1.2. Relevant identified uses of the substance or mixture**

Mcor ARKe Inkjet Cartridge

**1.3. Details of the supplier of the safety data sheet**

Mcor Technologies Ltd  
Unit 1, IDA Business Park  
Ardee Road, Dunleer,  
Co Louth, Ireland  
Email: [Info@mcortechnologies.com](mailto:Info@mcortechnologies.com)

**1.4. Emergency telephone number**

+353 41 68 62800 This telephone number is available during office hours only

**SECTION 2: HAZARD IDENTIFICATION**

**Hazard Information:** Primary Routes of Exposure: Skin contact, ingestion

**Inhalation:** If ink mist is inhaled, respiratory tract irritation may occur. No known significant effects or critical hazards. Exposure not probable with intended use.

**Skin Contact:** Not an irritant. Not a dermal sensitizer. No known significant effects or critical hazards.

**Eye Contact:** Irritating to eyes.

**Ingestion:** Low acute oral toxicity. Chronic toxicological testing of the ink formulation has not been performed.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Percent (wt.)	CAS Number	OSHA PEL	ACGIH TLV
Water	70-85	7732-18-5	None	None



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Water Soluble Organic Solvent	5-10	NJTSRN 80100451-5051	None	None
Water Soluble Organic Solvent	1-5	NJTSRN 80100451-5053	None	None
Water Soluble Organic Solvent	1-5	NJTSRN 80100451-5052	None	None
Pigment	1-5	NJTSRN 80100451-5048	None	None
Pigment	1-5	NJTSRN 80100451-5005	None	None

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

**Eye Contact:** Do not rub soap with water. Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.

**Skin Contact:** Wash with soap and water. Should irritation occur, seek medical attention

**Inhalation:** If symptoms, such as shortness of breath or persistent coughing are experienced, remove source of contamination and move individual to fresh air. If symptoms persist, seek medical attention.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

**SECTION 5: FIRE FIGHTING MEASURES**

**Flash Point (Method Used):** Solid. Ink >200 °C

**Flammable Limits:** Not Determined

**Extinguishing Media:** Use Water Spray, Dry Chemical, Foam or Carbon Dioxide

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, unidentified organics

**Special Fire Fighting Procedures:** NIOSH approved self-contained breathing apparatus may be required if large amounts of ink are involved.

**NFPA Rating: Health:** 1 **Flammability:** 1 **Reactivity:** 0

**HMIS Classification:** Health: 1 **Flammability:** 1 **Reactivity:** 0

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautionary Measures:** Wear latex, vinyl, or nitrile gloves to prevent staining of skin.

**Environmental Precautions:** Unless specifically permitted for disposal, keep waste out of sewers, watersheds, and waterways. Disposal is subject to national, state, regional, or provincial regulations

**Procedure for Cleaning/Absorption:** Absorb small spills with cloth or paper towels or other suitable material. Place in container for disposal. For large spills, dike around spill with absorbent material. Wash spill site with soap and water after material pickup is complete. Disposal is subject to federal, state, local, or provincial regulations.

## SECTION 7: HANDLING AND STORAGE

**General:** Keep from freezing. To avoid damage to cartridge and accidental contact with ink, keep out of reach of children.

**Storage:** Store in a cool, dry place. Store away from oxidising material.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

**Clothing:** Not required under normal conditions of use

**Eyes:** Not required under normal conditions of use

**Respiration:** Not required under normal conditions of use

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Colour:** Magenta

**Form:** Liquid

**Odour:** Faint

**Solubility in Water:** Fully

Miscible

## SECTION 10: STABILITY&REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** None known.

**Hazardous Polymerization:** Will not occur.

**Materials to Avoid:** Reactive or incompatible with the following materials: oxidising materials

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, unidentified organics.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Primary Routes of Exposure:** Inhalation of vapors, skin contact.

**Ingestion:** Low acute oral toxicity. Exposure not probable with intended use.



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**Acute Toxicity Oral Rat LD50 (mg/kg):** >2000

**Inhalation:** Low acute inhalation toxicity. As with exposure to high concentrations of any mist, minimal irritation of the respiratory tract may occur.

**Aggravated Conditions:** None known

### SECTION 12: ECOLOGICAL INFORMATION

Decomposition products may include the following materials: carbon oxides (CO, CO<sub>2</sub>). Some metal oxides

### SECTION 13: DISPOSAL INFORMATION

**Waste Disposal:** This product is not a listed hazardous waste in accordance with Federal Regulation 40 CFR Part 261. If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material has been contaminated and should be classified as a hazardous waste. Disposal is subject to local, state and federal regulations.

### SECTION 14: TRANSPORT INFORMATION

Not regulated by any transport mode.

### SECTION 15: REGULATORY INFORMATION

**TSCA (USA):** All ingredients are listed on the Toxic Substances Control Act (TSCA) inventory, have been registered, or are exempt.

**SARA / EPCRA (USA):** None of the ingredients in this product has a final reportable quantity (RQ) under Emergency Planning and Community Right-to Know Act (EPCRA)- Section 302: Extremely Hazardous Substances (EHS) or notification requirements for EHS under Section 304.

**California Proposition 65:** This product contains no known materials at levels which the State of California has found to cause cancer, birth defects or other reproductive harm - California

**Proposition 65. DSL (Canada):** All ingredients are listed on the Canadian Domestic Substances List (DSL), have been registered on the Non-Domestic Substances List (NDSL), or are exempt.

**AICS (Australia):** All ingredients are listed in Australian Inventory of Commercial Substances (AICS), have been registered, or are exempt.

**PICCS (Philippines):** All ingredients are listed on the Philippines Inventory (PICCS) or are exempt.

**IECSC (China):** All ingredients are listed on the Chinese Inventory (IECSC) or are exempt.

**ENCS (Japan):** All ingredients are listed on the Japanese Existing and New Chemical Substances (ENCS) list, have been registered, or are exempt.



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**ECL (Korea):** All ingredients are listed on the Korean Existing Chemicals List (ECL), have been registered, or are exempt.

### SECTION 16: OTHER INFORMATION

No data available

#### DISCLAIMER

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**Date:** November, 2016