

Material Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Printing Ink
CAS No. : CMYK
Company Name: Aomya Digital Technology Co., Ltd
Address: Bldg2, No.1, Pingxi 5th road, Nanping, Zhuhai, Guangdong, China
Tel: 0086-0756-8911719
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SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Cas No.	% By Weight
Dyestuff	1333-86-4	3-8%
Diethylene glycol	111-46-6	10-15%
Glycerin	56-81-5	10-15%
Deionized water	7732-18-5	55-65%

Attention : This ink is non-hazardous formulation does not contain any dangerous substances

SECTION 3 HAZARD IDENTIFICATION

Effects of a single overexposure:

Swallowing:

No evidence of harmful effects from available information.

Skin absorption:

No evidence of harmful effects from available information.

Inhalation:

Trace component and residual monomer vapours may be irritating to the eyes, mucous membrane, respiratory tract, and may product symptoms of headache, nausea in poorly ventilated areas.

Skin contact:

Prolonged contact may cuase transient reddening og the skin.

Eye contact:

Direct contact may cause eye irritation.

Effects of repeated overexposure:

No evidence of harmful effects from available information.

Medical conditions aggravates by overexposure:

A knowledge of the available toxicology information and of the physical and chemical properties of the matter suggests that overexposure is unlikely to aggravate existing medical conditions.

Other effects of overexposure:

No evidence of harmful effects from available information.

SECTION 4 FIRST AID MEASURES

Swallowing: No harmful effects expected.

Inhalation: No emergency care anticipated.

Skin contact: Wash skin with soap and water until water is no longer cloudy. If clothing is soaked, remove and wash before reuse.

Eye contact: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Notes to physician:

Toxicology studies have shown this or similar material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patients.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:

This product is a non-flammable aqueous emulsion. Use alcohol-type or all-purpose-type foams applied by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

Special Fire Fighting Procedures: None.

Special Protective Equipment for Firefighters:

Use self-contained breathing apparatus when fighting fires in enclosed areas

Unusual Fire and Explosion Hazards:

Product will not burn but may spatter if temperature exceeds boiling point of water. Dried solids can burn giving off oxides of carbon

SECTION 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled. Restrict the area to only those personnel needed.

Major spills should be collected for disposals. Minor spills may be flushed to sewer if permitted by national, state and local regulations.

SECTION 7 STORAGE AND HANDLING

Storage Temperature: $\leq 40^{\circ}\text{C}$

Shelf Life: one year

Special Sensitivity: No available information

Handling and Storage:

Use under ventilated conditions. For personal protection, wash thoroughly after handling product.

Wash hands before eating, smoking or using toilet facilities.

Precautions:

Avoid eye and skin contact. Keep container closed when not being used.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: None known.

Eye Protection: Wear splash goggles where spill or splashing may occur.

Skin Protection: Not required.

Respiratory and Ventilation:

Wear approved NIOSH respirator if exposure to mist or vapors exceeds applicable PEL/TLV limits.

Use in accordance with manufacturer's use limitations and OSHA regulations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: liquid

Color: Variable

Odor: None

Flash Point: 100°C

Boiling Point: 100°C

Melting Point: - 20°C

Freezing Point: Not Applicable

PH: 5.0 - 10.0

Viscosity: 1-5

Surface tension: 26-35mN/m

Electrical conductivity: 3-7 ms/cm

Specific Gravity: 1-1.2

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable at ambient temperature and under normal conditions of use

MATERIALS TO AVOID: Strong oxidizing agents

CONDITIONS TO AVOID: May explode or ignite on heating.

INCOMPATIBILITY: No available information

HAZARDOUS DECOMPOSITION PRODUCTS:

On combustion or on thermal decomposition (pyrolysis) releases: Carbon oxides (CO, CO₂)

SECTION 11 TOXICOLOGICAL INFORMATION

Health Effects: No available information

Inhalation: No available information

Skin Contact: No available information

Eye Contact: No available information

Ingestion: No available information

Further information: Above information is for the ink. The ink will be contained in the fibrous reservoir of a small capacity marker which will limit considerably the exposure possibilities for the user.

SECTION 12 ECOLOGICAL INFORMATION

NO ECOLOGICAL ISSUES LIKELY.

12.1 Soluble in water, easy to produce water pollution but the fish and water plant will not cause harm.

The acute toxicity of water body

The acute toxicity of fish: countless according to the data

The acute toxicity of aquatic invertebrates: countless according to the data

The acute toxicity of Algae: countless according to the data

Of the bacteria toxicity: countless according to the data

12.2 The specific content of limit

The following data represents the unknown toxic ingredients percentage.

Chronic toxicity of water

The chronic toxicity offish: countless according to the data

Chronic toxicity of aquatic invertebrates: countless according to the data

Soil habitat biological toxicity: countless according to the data

Terrestrial plants toxicity: countless according to the data

Other terrestrial non-lactating biological toxicity: countless according to the data

12.3 Persistence and degradability

Biodegradability: countless according to the data

Physical - chemical can remove sex: countless according to the data

12.4 The potential biological cumulative

Biological enrichment or cumulative: countless according to the data

12.5 Mobility in the soil

Octanol/water partition coefficient of numerical: countless according to the data

In various environmental segmentation in space distribution: countless according to the data

Outcome and behavior in the environment: countless according to the data

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal Method:

Dispose of all waste materials in accordance with all applicable federal, state and local regulations for the disposal of aqueous wastes. Do not flush liquid into public sewer or water systems.

NOTE: The user's attention is drawn to the possible existence of national or local regulations regarding disposal

SECTION 14 TRANSPORT INFORMATION

DOT Proper shipping name:

DOT Technical name: Not regulated.

OCEAN (IMDG): Not regulated.

AIR (IATA): Not regulated.

WHMIS (CANADA): Not regulated.

NOTE: The above regulatory prescriptions are those valid on the date of publication of this sheet.
it would be advisable to check their validity with your commercial agency

SECTION 15 REGULATORY INFORMATION

OSHA Status: Not applicable

TSCA Status: Not applicable

CERCLA Reportable Quantity: Not applicable

SARA Title III: Not applicable

Section 302 Extremely Hazardous Substances: Not applicable

Section 311/312 Hazard Categories: Not applicable

Section 313 Toxic Chemicals: Not applicable

RCRA Status: Not applicable

State Regulatory Information: Not applicable

SECTION 16 OTHER INFORMATION

All this information from the manufacturer or a notarized technical resources. This information is credible, but that does not mean all-inclusive, and only as a reference or guidance. As for the accuracy or completeness of the information, we do not make any guarantees either explicitly or implicitly. Take the need for security, compliance with local laws and regulations, the responsibility of the user to determine the suitability of this information.

Please consult the relevant product and/or application information for this product.

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