Material Safety Data Sheet

1. Product and company identification

Identification of the substance

Product name : Edible Inkjet Ink Magenta

Product code : HCS830R

Application of product

For Print objet

Details of the provider for the Material safety data sheet

Name of manufacturer or supplier : Shenzhen Yungchia Ink Jet Equipment Co., Ltd.

Tel. :

Fax :

Email :

Website :

2.Hazards Identification

Based on the instruct of 67/548/EEC and the requirement of it’ s reversion

Classification : B2

Physical/chemical dangerous : Non-flammable liquid.

Other hazards : None known.

Detailed information about the health effects and symptoms, pls refer to section 11.

3.Informaion on ingredients

Product : Mixture

Chemical name	CAS No.	EC No.	Content range (Mass fraction, &)
Propylene Glycol	64-17-5	200-578-6	20-30%
N-butyl Alcohol	71-36-3	200-751-6	1-10%
Pyrosine	16423-68-0	240-474-8	1-3%

There no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazards to health or the environment and hence require reporting in this section.

[1] Classified as a health or environmental hazards of substances.

[2] material with exposure limits for workplace.

If there is occupational exposure limit, will listed in section 8.

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4. Emergency measures

Inhalation

Move the exposed person to fresh air, and seeking for medical treatment. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artficial respiration or oxygen by trained personnel, get for medicial attention if symptoms occur.

Ingestion

Wash out mouth with water. Do not induce voimiting unless directted to do so by medicial personnel. Never give anything by mouth to an unconscious personnel, Keep the airway open. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Skin contact

If contacted, flush skin with plenty of water while removing contaminated clothing and shoes immediately. Get medical attention if irritation develops.

Eye contact

Affected individual should remove contact lens, if present. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

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5. Fire- fighting measures

Flammability of the product

Non-Flammable

Fire-fighting media and instructions

Use water (fog) spray or foam, dry chemical, CO2;

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus(SCBA) with a full face-piece operated in positive pressure mode.

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6. Accidental release measures

Personal precautious

Keep unnecessary personnel away. Do not touch or walk through spilled material.Avoid breathing vaporor mist. Provide adequate ventilation. Use suitable protective equipment (section 8).

Environmental precautions

Avoid dispersal or spilled material and runoff and contact wih soil, waterways, drains and sewers. Inform the relevant authoritiesif the product has caused enviroumental pollution (sewers ,waterways, soil or air).

Methods for cleaning up

Small spill: Absorb with an inert material and place in an appropriate contamination.

Large spill: Use appropriate containment to avoid enviroumental contamination. Contain and collet spillage with non-combustible, absorbent material e.g. sand,earth, vermiculite or diatomaceous earth and place in container for disposaal according to local regulations (see section 13). Contaminated absorbent material may pose the same hazard as the spilled product. Use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal.

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7. Handing and storage

Handing

Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handing. Keep container closed. Use only with adequate ventilation. Do not reuse container.

Storage

Keep container tightly closed. Store in a dry, cool and well-ventilated area. Store away from incompatible materials (see section10). Store in accordance with local regulations.

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8. Exposure controls/personal protection

The maximum acceptable concentration

Recommended monitoring procedures

If this product contains ingredients which with exposure limits, personal, workplace atmosphere or biological environment should be monitored , it's need to determine the effectiveness of the ventilation or other control measures and / or the use of respiratory protective equipment. Monitoring standards should refer to the following: European Standard EN 689 (Workplace air - to compare with the limit values and measurements to assess the impact of countermeasures by inhalation of chemical agents Guide), the European standard EN 14042 (Workplace air - exposure to chemical and biological agents air application and assessment procedures Guide), the European standard EN 482 (workplace air - program performance measurement Chemicals general requirements

Exposure controls

Engineering measures

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Skin protection

If the risk assessment results shows it is nesseray, when touch the chemical products, pls wear chemical resistance, impermeable gloves which conforms to the standard.

Eyes protection

If the risk assessment result shows it is nessary to avoide to expose to liquid spray, water, gas or dust, equipped with standard safety glasses, please. If the contact may occur, the following

protective equipment should be worn, unless the assessment results indicate the need for a higher degree of protection: Wear with side shields Safety glasses.

The body protection

Personal protective equipment should be selected based on the task and the risks involved, and should be be approved by professionals.

Environmental exposure controls

Emissions shall be detected from ventilation or work process equipment to ensure they meet the requirements of environmental protection legislation.

In some cases, in order to make emissions to a acceptable levels, it is necessary to modify fume scrubbers, filters or process equipment.

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9. Physical and chemical properties

General information

Physical state : liquid

Appearance : liquid

Important information about health, safety and environment

Boiling point :/

Flash point/

10.Stability and reactivity

Stablity

The product is stable.

Conditions to avoid

Avoid all possible sources of ignition (spark or flame).

Materials to avoid

Reactive or incompatiblewith the oxidizing materials.

Product flammability

Non-Flammable.

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11. Toxicological information

Potential acute healtheffects

Inhalation/

Eat

No known significant effects or critical hazards.

Skin Contact

It may cause skin irritation.

Eye contact

There is a strong irritant to the eyes.

Acute Toxicity

Chronic effects

12. Ecological information

Environment effects

No know significant effects or critical hazards.

Aquatic ecotoxicity

Other biological information

13. Dispsal considerations

Waste disposal

The generation of waste should be avoided or minimized wherever possible.

Hazardous waste

As far as the current we know, according to the definition of the eu directive 91/689 / EEC, this product is not regarded as hazardous waste.

14. Transport information

International transportation regulations

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15. Regulatory information

EU-REGULATIONS

In accordance with the EU (European Union) Directive 67/548 / EEC and 1999/45 / EC (including amendments), classification and labeling have been determined taking into account the intended product use.

Danger signs

Danger Term

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Product application

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European directory

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16. Other information

Issue date

January 1st. 2022

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.